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Vocabulary Builder Reference from...

Seth Berkley: The quest for the coronavirus vaccine | TED Talk

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

Advanced Words Only

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Session 1: Word List

curator

n. a person whose job is to manage the objects or artworks in a museum, art gallery, etc.

synonym: conservator, custodian, administrator

(1) **curator** of a library, (2) interim **curator**

The museum **curator** conserved the ancient manuscripts.

excite

v. to make someone feel suddenly enthusiastic or eager

synonym: thrill, exhilarate, animate

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

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

devote

v. to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose

synonym: commit, dedicate, apply

(1) **devote** all of my energies, (2) **devote** my own life

He **devoted** himself to studying the history of ancient civilizations.

coronavirus

n. a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2

synonym : covid

(1) **coronavirus** antibody test kit, (2) **coronavirus** bankruptcy

Considering the situation of **coronavirus**, organized stopped this year's beer festival.

stockpile

n. a large quantity or reserve of goods or materials that are accumulated and stored for future use, often used for emergency or contingency purposes; (verb) to accumulate or gather a large quantity of something, usually for future use or as a reserve

synonym : reserve, hoard, cache

(1) **stockpile** weapons, (2) nuclear **stockpile**

The farmer had a huge **stockpile** of hay for the winter.

cholera

n. a severe infectious disease that causes acute diarrhea, vomiting, and dehydration, often resulting in a rapid and dangerous loss of body fluids and electrolytes

synonym : infectious disease, epidemic, plague

(1) **cholera** toxin, (2) **cholera** epidemic

The outbreak of **cholera** was a major health crisis in the 19th century.

meningitis

n. inflammation of the protective membranes surrounding the brain and spinal cord, typically caused by a bacterial or viral infection and characterized by fever, headache, and a stiff neck

synonym : brain fever, cerebrospinal fever

(1) **meningitis** outbreak, (2) acute **meningitis**

The **meningitis** vaccination is recommended for individuals at a high risk of contracting the illness, such as college students and military personnel.

immunization

n. the process of making a person or animal immune to a specific disease by administering a vaccine or other preventative measure

synonym : vaccination, shot, inoculation

(1) **immunization** program, (2) childhood **immunization**

Due to the success of **immunization** programs, certain diseases, such as smallpox, have been eradicated.

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.

pockmark

n. a small pit or indentation on the surface of something, particularly on the skin or on a surface that has been scarred or damaged

synonym: blemish, scar, pit

(1) **pockmark** scars, (2) acne **pockmarks**

The small **pockmark** on her face was hardly noticeable.

smallpox

n. a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death

synonym: variola

(1) **smallpox** epidemic, (2) **smallpox** vaccine

An outbreak of **smallpox** occurred in the 1920s.

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.

zoonotic

adj. relating to a zoonosis, which is a disease or infection that can be transmitted from animals to humans

synonym: infectious, contagious, transmissible

(1) **zoonotic** diseases, (2) **zoonotic** transmission

The spread of the disease was due to its **zoonotic** nature,

able to infect both humans and animals.

cowpox

n. a viral infection that affects cows and can be transmitted to humans, often through direct contact with infected animals, and a vaccine for smallpox is derived from cowpox

(1) **cowpox** vaccine, (2) inoculation with **cowpox**

People who have been infected with **cowpox** are protected from smallpox.

virology

n. the scientific study of viruses and their properties, including their structure, behavior, transmission, and effects on organisms

synonym: viral science, virus study, virus research

(1) diagnostic **virology**, (2) degree programs in **virology**

Advances in **virology** have led to the discovery of new viral diseases and their treatments.

miraculous

adj. very effective or lucky, or completely unexpected

synonym: amazing, astonishing, awesome

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

He made a **miraculous** recovery.

irrational

adj. not based on, or not using reason or clear thinking; (mathematics) a real number that cannot be expressed as the ratio of two integers

synonym: illogical, ludicrous, senseless

(1) an **irrational** request, (2) **irrational** numbers

They continued to endure **irrational** treatment by the dictatorship.

grind

v. to reduce something to small particles or powder by crushing or rubbing it; to work hard over a long period of time

synonym: mill, crush, grate

(1) **grind** away at my work, (2) **grind** your teeth

She had to **grind** the coffee beans before making a fresh cup.

inject

v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

synonym: shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

whopping

adj. extremely large, impressive, or noteworthy; it can also be used to describe a surprise or shock

synonym: enormous, gigantic, massive

(1) **whopping** price, (2) **whopping** success

The new smartphone has a **whopping** 1TB of storage space.

measles

n. a highly infectious viral disease that causes fever, red spots on the skin, and other flu-like symptoms, typically affects children

synonym: rash, red measles, rubella

(1) **measles** outbreak, (2) **measles** vaccine

The school sent a notice of a **measles** case in one of the classrooms.

terrifying

adj. very frightening or intimidating

synonym: frightening, intimidating, alarming

(1) **terrifying** experience, (2) **terrifying** events

Large earthquakes often generate **terrifying** tsunamis.

procure

v. to obtain, acquire, or secure something, often by effort or skill

synonym: obtain, acquire, secure

(1) **procure** a rare antique, (2) **procure** services

I need to **procure** some supplies for the upcoming project.

anthrax

- n.* a serious bacterial infection caused by *Bacillus anthracis* that can affect both humans and animals; it is characterized by a range of symptoms, including skin blisters, fever, and difficulty breathing, and can be fatal if left untreated

synonym: fever, splenic fever, wool sorters' disease

- (1) **anthrax** infection, (2) **anthrax** vaccine

Scientists are currently researching new treatments for **anthrax** that could improve survival rates in infected individuals

heroic

- adj.* courageous and daring; having or displaying qualities appropriate for legendary figures that is courage and daring

synonym: brave, courageous, daring

- (1) a **heroic** poem, (2) **heroic** explorers

The **heroic** actions of individuals are now easily spread worldwide by SNS.

disrupt

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

synonym: interrupt, disturb, break into

- (1) **disrupt** a well-ordered condition, (2) **disrupt** sleep

I'm so sorry to **disrupt** you when you're pretty busy.

paradox

- n.* a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;

synonym: incongruity, dichotomy, contradiction

- (1) French **paradox**, (2) the **paradox** of the heap

There are many theories to explain this **paradox**.

crippling

- adj.* causing someone to become unable to walk or move; causing severe damage or harm

synonym: harmful, damaging, catastrophic

- (1) **crippling** debt, (2) a **crippling** strike

He is still struggling with a **crippling** disease.

cheaply

adv. in a stingy or inexpensive manner

synonym: inexpensively, tattily, stingily

(1) **cheaply** available, (2) buy stock **cheaply**

You can live very **cheaply** in Southeast Asia.

industrious

adj. hardworking, diligent, and persistent in effort

synonym: diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

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.

attache

n. a person who works at an embassy, usually having a specialized area of responsibility; a shallow and rectangular briefcase

synonym: diplomat, envoy, briefcase

(1) a commercial **attache**, (2) black **attache** case

A prime minister talked with a military **attache** of the country's embassy.

solvable

adj. capable of being solved or resolved; able to be fixed or resolved with effort, skill, or knowledge

synonym: attainable, resolvable, achievable

(1) **solvable** problem, (2) mathematically **solvable** equation

The engineers found the technical glitch in the system was quite **solvable** with a software update.

retake

v. to take something again or a second time, especially an examination or a photograph, to correct mistakes or improve the result

synonym: recapture, reclaim, recover

(1) **retake** photo, (2) **retake** control

I will have to **retake** this test to get a passing grade.

opportune

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

synonym: suitable, timely, practical

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

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

breakneck

adj. extremely fast and reckless; dangerous and high-speed

synonym: risky, perilous, hazardous

(1) **breakneck** acceleration, (2) **breakneck** pace

She drove at a **breakneck** speed, despite the dangerous conditions on the road.

nomenclature

n. a system or set of names or terms used in a particular field, such as science or medicine, or for classifying or categorizing things

synonym: terminology, naming, vocabulary

(1) biological **nomenclature**, (2) taxonomic **nomenclature**

The **nomenclature** of computer programming languages can be quite abstract for beginners.

vial

n. a small glass container, especially one containing liquid medicine or perfume

synonym: container, bottle, flask

(1) glass **vials**, (2) insulin **vial**

This medication is sealed in a **vial**.

mRNA

n. (an abbreviation for messenger RNA) a single-stranded molecule of RNA that corresponds to the genetic sequence of a gene, and is read by a ribosome in the process of synthesizing a protein

(1) **mRNA** translation, (2) nuclear **mRNA**

The **mRNA** vaccine can expedite many approval processes because it does not contain a virus.

doe *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit

synonym: rabbit, bunny, hare

(1) **doe** rabbit, (2) buck and **doe**

Hunters use a whistle that makes the **doe** sound to lure stags.

intrigue *v.* to make someone interested, especially by being strange, unusual, or mysterious; to make a secret plan with other people to harm someone

synonym: attract, captivate, charm

(1) **intrigue** him, (2) **intrigue** against his rival

The artist's innovative style of work **intrigues** me.

stimulant *n.* a substance or drug that increases or heightens physiological or nervous system activity typically used to improve alertness, attention, or concentration

synonym: upper, energizer, booster

(1) memory **stimulant**, (2) prescription **stimulant**

Many athletes use **stimulants** like caffeine to boost their energy before a competition.

adjuvant *n.* a substance that is added to a vaccine or medication to enhance its effects or increase its effectiveness

synonym: additive, enhancer, supplement

(1) **adjuvant** medication, (2) vaccine **adjuvant**

The doctor prescribed an **adjuvant** therapy to help enhance the effectiveness of the cancer treatment.

compress *v.* to press or squeeze together to make something take up less space

synonym: condense, constrict, squeeze

(1) **compress** the chest, (2) **compress** gas

She **compressed** the files into a single ZIP archive to save space on her computer.

preclinical

adj. of or relating to the early phases of a disease when an accurate diagnosis is not possible because symptoms of the disease have not yet appeared; of or relating to the first stage of a medical education

(1) **preclinical** diagnosis, (2) **preclinical** safety evaluation

The doctor suspected that the patient was in the **preclinical** stage of Alzheimer's disease.

reproducibility

n. the ability of an experiment, study, or result to be replicated or repeated by different researchers or laboratories, often seen as a key aspect of scientific rigor

synonym: repeatability, replicability, consistency

(1) **reproducibility** measure, (2) scientific **reproducibility**

The researchers spent considerable effort to ensure the **reproducibility** of their experiments.

sequent

adj. following as a result or consequence

synonym: concomitant, following, after

(1) **sequent** order, (2) **sequent** steps

The **sequent** events led to the downfall of the empire.

unsung

adj. not praised or famous but deserving to be recognized for one's accomplishments or contributions; not publicized or acclaimed

synonym: unknown, unrecognized, unappreciated

(1) **unsung** accomplishment, (2) **unsung** songwriter

The community's **unsung** heroes often go unnoticed but are essential to its well-being.

asymptomatic

adj. not experiencing or exhibiting any symptoms of a particular disease or condition, even though the individual may be infected or affected by it

synonym: asymptotic, symptomless, unnoticeable

(1) **asymptomatic** carrier, (2) **asymptomatic** infection
The study showed that one-third of infected individuals could remain **asymptomatic** throughout the disease.

afterward

adv. after the time mentioned
synonym: later, thereafter, following

(1) a few years **afterward**, (2) go there **afterward**
We will explain the countermeasure concerning this problem **afterward**.

reintroduce

v. to bring back something that has been previously abolished or discontinued
synonym: bring back, restore, reestablish

(1) **reintroduce** species, (2) **reintroduce** capital punishment
The government is planning to **reintroduce** wolves to the national park to restore the balance of the ecosystem.

normalcy

n. the state or quality of being normal, typical, or expected; the condition of being in accordance with social norms or expectations
synonym: normality, regularity, routine

(1) move closer to **normalcy**, (2) maintain **normalcy**
After a long period of chaos, they longed to return to **normalcy**.

puzzled

adj. confused or uncertain because you do not understand something
synonym: confused, perplexed, bewildered

(1) **puzzled** expression, (2) **puzzled** by the question
She was **puzzled** by the strange behavior of her cat.

galvanize

v. to stimulate or shock someone into taking action; to cover metal containing zinc to protect it from rust
synonym: energize, invigorate, motivate

(1) **galvanize** steel, (2) **galvanize** the country

The motivational speech **galvanized** the team and gave them the drive to succeed.

trade-off

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

synonym: compromise, balance, exchange

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

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

humanly

adv. in a way that is characteristic of or relating to human beings; in a way that is possible for humans to achieve or accomplish

synonym: physically, mundanely, practically

(1) **humanly** possible, (2) **humanly** acceptable

It is **humanly** difficult to understand why some people choose to harm others for no reason

bureaucracy

n. a system of government in which most of the important decisions are made by state officials rather than by elected representatives

synonym: administration, government, system

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

The bumbling **bureaucracy** made it difficult to get the permits we needed.

resurge

v. to experience a new period of growth or activity after a time of dormancy or decline; to rise again or come back into existence

synonym: revive, resurrect, renew

(1) **resurge** in popularity among enthusiasts, (2) **resurge** in demand

The company hopes to **resurge** sales with a new marketing campaign.

reckless

adj. marked by a lack of care about danger and the likely results of your actions

synonym: impetuous, irresponsible, thoughtless

(1) **reckless** driving, (2) in a **reckless** manner

Reckless youth makes rueful age.

cramp

n. a sudden, painful contraction or spasm of a muscle, typically in the leg or abdomen; a feeling of tightness or discomfort in a muscle caused by prolonged use or stress

synonym: crick, spasm, twinge

(1) hand **cramp**, (2) stomach **cramp**

I had to stop running because of a severe **cramp** in my leg.

clamp

v. to fasten or secure something tightly, often using a tool or device called a clamp; to restrict something or someone's freedom or movement; (noun) a device used to secure, fasten, or hold objects together; a mass or group of things that are held or gathered tightly together

synonym: fasten, secure, hold tight

(1) **clamp** down on extremism, (2) **clamp** coupling

He used a wrench to **clamp** down the pipes tightly.

upscale

adj. denoting products, services, or properties that are considered high-end, luxurious, or exclusive; (adverb) in a way that is high-class, luxurious, or intended to appeal to affluent consumers

synonym: luxurious, high-end, elite

(1) **upscale** neighborhood, (2) **upscale** brand

The restaurant was decorated in an **upscale** style, making it feel luxurious.

incentivize

v. to make someone want to do in a particular way by offering them a reward

synonym: encourage, motivate

(1) **incentivize** carpooling, (2) **incentivize** the right behavior

Governments **incentivize** their citizens to buy eco-friendly

products through subsidies.

spreader

n. a person or thing that spreads something, such as a disease, rumor, or substance

synonym: distributor, carrier, transmitter

(1) fertilizer **spreader**, (2) **spreader** of germs

The person who attended the party while having COVID-19 became a virus **spreader**.

heroically

adv. in a way that shows great bravery, courage, or self-sacrifice

synonym: bravely, fearlessly, valiantly

(1) **heroically** saved, (2) fight **heroically**

The firefighter acted **heroically** to save the family from the burning building.

czar

n. (also tsar or tzar) a title of rulers or monarchs, especially in Russia, before the Russian Revolution of 1917; an authoritarian or powerful political leader or high-level officeholder

synonym: ruler, sovereign, autocrat

(1) technology **czar**, (2) economic **czar**

The **czar** of healthcare is responsible for improving the quality and accessibility of healthcare for all citizens.

confuse

v. to mistake one thing for another; to make somebody hard to understand

synonym: confound, obscure, disorient

(1) **confuse** the listener, (2) **confuse** fantasy with reality

Her remarks **confused** the debate.

preexist

v. to exist or occur before something else, especially referring to a time period or event; to predate or come before

synonym: antedate, precede

(1) **preexist** the modern city, (2) **preexist** the current political tensions

The idea for the novel **preexisted** as fragments of a dream in the author's mind.

hoard

v. to collect money, valuables, etc., for future use secretly;
(noun) a secret store or collection of money, valuables, etc., for future use

synonym: stockpile, accumulation, stash

(1) **hoard** my possessions, (2) plutonium **hoard**

They **hoarded** a common secret instead of sharing it.

mucus

n. a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.

synonym: secretion, slime, saliva

(1) airway **mucus**, (2) nasal **mucus**

When the body temperature drops, **mucus** secretion fails.

bloodstream

n. the blood flowing through the body

(1) **bloodstream** in an artery, (2) **bloodstream** to the brain
Cancer cells are often carried throughout the body by the **bloodstream**.

disbeliever

n. a person who does not believe in something, such as a religion or idea

synonym: non-believer, skeptic, doubter

(1) persuade a **disbeliever**, (2) stubborn **disbeliever**

Despite the evidence, she remained a **disbeliever** in the theory of evolution.

pandemic

n. an outbreak of a disease that affects many people over a very wide area

synonym: outbreak

(1) flu **pandemic**, (2) global **pandemic**

They fear a **pandemic** of a new type of virus.

resilient

adj. able to withstand or recover quickly from difficult conditions

synonym: robust, sturdy, tough

(1) a hard and **resilient** steel, (2) **resilient** population
She is a **resilient** person and has always bounced back from setbacks.

periphery

n. the outer edge or margin of something, especially a geographical area or a group of people

synonym: edge, border, margin

(1) around the **periphery**, (2) **periphery** countries

The factory was located on the city's **periphery**, away from residential areas.

slum

n. a heavily populated urban area characterized by poor, run-down housing and infrastructure, often associated with poverty and social neglect

synonym: shantytown, slumdwelling, ghetto

(1) **slum** area, (2) **slum** dwellers

The government needs to invest more in affordable housing options to reduce the number of people living in **slums**.

preparatory

adj. relating to or involving the preparation or planning of something, often before the main or more important event or activity

synonym: preliminary, introductory, beginning

(1) **preparatory** phase, (2) **preparatory** work

Attending a **preparatory** course can help students improve their grades.

infuse

v. to fill something with a particular quality, feeling, or influence; to imbue

synonym: instill, fill, permeate

(1) **infuse** with spirit, (2) **infuse** life with meaning

She **infused** fresh herbs into the soup for added flavor.

optimist

n. a person who tends to expect the best in all things and to be hopeful and confident about the future

synonym: positive thinker, dreamer, idealist

(1) **optimist** by nature, (2) excessive **optimist**

She is a confident **optimist** who always looks on the bright side.

huddle

v. to crowd or press closely together; cuddle

synonym: cluster, crowd, group

(1) **huddle** in a temporary shelter, (2) **huddle** around the open fire

The children **huddled** together for warmth in the cold winter storm.

dampen

v. to make something wet or moist; to reduce the intensity or impact of something, such as a feeling, sound, or movement

synonym: drench, moisten, saturate

(1) **dampen** the sound, (2) **dampen** the enthusiasm

The rain helped **dampen** the flames of the campfire.

startling

adj. extremely surprising, astonishing, and sometimes worrying

synonym: alarming, astonishing, shocking

(1) **startling** earthquake shocks, (2) **startling** discovery

He describes the story with **startling** reality.

droplet

n. a small drop of liquid

synonym: bead, drip, dewdrop

(1) **droplet** size, (2) **droplet** formation

A single **droplet** of water can reflect the entire world upside down.

sanitize

v. to clean or disinfect something to make it safe or hygienic; to remove potentially harmful or sensitive information from a document or communication

synonym: clean, disinfect, sterilize

(1) **sanitize** surfaces, (2) **sanitize** the kitchen

I always **sanitize** my hands before eating to prevent germs from spreading.

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.

mindset

n. the established set of attitudes or fixed ideas held by someone

synonym: attitude, ethos, mentality

(1) flexible **mindset**, (2) the **mindset** in an education system

Countries whose goal is economic development often focus on fostering an entrepreneurial **mindset** in each individual.

trench

n. a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water

synonym: aqueduct, ditch, channel

(1) deep-sea **trench**, (2) **trench** excavator

A **trench** was being dug alongside the road by workers.

Session 2: Spelling

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|----------------------------------|---|
| 1. s__m dwellers | <i>n.</i> a heavily populated urban area characterized by poor, run-down housing and infrastructure, often associated with poverty and social neglect |
| 2. hu____y acceptable | <i>adv.</i> in a way that is characteristic of or relating to human beings; in a way that is possible for humans to achieve or accomplish |
| 3. ga_____ze the country | <i>v.</i> to stimulate or shock someone into taking action; to cover metal containing zinc to protect it from rust |
| 4. co_____e fantasy with reality | <i>v.</i> to mistake one thing for another; to make somebody hard to understand |
| 5. maintain no_____cy | <i>n.</i> the state or quality of being normal, typical, or expected; the condition of being in accordance with social norms or expectations |
| 6. around the pe_____ry | <i>n.</i> the outer edge or margin of something, especially a geographical area or a group of people |
| 7. men_____is outbreak | <i>n.</i> inflammation of the protective membranes surrounding the brain and spinal cord, typically caused by a bacterial or viral infection and characterized by fever, headache, and a stiff neck |

ANSWERS: 1. slum, 2. humanly, 3. galvanize, 4. confuse, 5. normalcy, 6. periphery, 7. meningitis

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|-----------------------------------|---|
| 8. go through a mir_____us change | <i>adj.</i> very effective or lucky, or completely unexpected |
| 9. hu_____y possible | <i>adv.</i> in a way that is characteristic of or relating to human beings; in a way that is possible for humans to achieve or accomplish |
| 10. black at_____e case | <i>n.</i> a person who works at an embassy, usually having a specialized area of responsibility; a shallow and rectangular briefcase |
| 11. flexible mi_____t | <i>n.</i> the established set of attitudes or fixed ideas held by someone |
| 12. in___e life with meaning | <i>v.</i> to fill something with a particular quality, feeling, or influence; to imbue |
| 13. stubborn dis_____er | <i>n.</i> a person who does not believe in something, such as a religion or idea |
| 14. ch_____y available | <i>adv.</i> in a stingy or inexpensive manner |
| 15. childhood imm_____ion | <i>n.</i> the process of making a person or animal immune to a specific disease by administering a vaccine or other preventative measure |
| 16. co___a layer | <i>n.</i> 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 |
| 17. zo_____ic transmission | <i>adj.</i> relating to a zoonosis, which is a disease or infection that can be transmitted from animals to humans |

ANSWERS: 8. miraculous, 9. humanly, 10. attache, 11. mindset, 12. infuse, 13. disbeliever, 14. cheaply, 15. immunization, 16. corona, 17. zoonotic

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|---------------------------|--|
| 18. re___e photo | <i>v.</i> to take something again or a second time, especially an examination or a photograph, to correct mistakes or improve the result |
| 19. se____t order | <i>adj.</i> following as a result or consequence |
| 20. op_____ne occasion | <i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose |
| 21. ga_____ze steel | <i>v.</i> to stimulate or shock someone into taking action; to cover metal containing zinc to protect it from rust |
| 22. dr_____t size | <i>n.</i> a small drop of liquid |
| 23. ho__d my possessions | <i>v.</i> to collect money, valuables, etc., for future use secretly; (noun) a secret store or collection of money, valuables, etc., for future use |
| 24. pr_____e services | <i>v.</i> to obtain, acquire, or secure something, often by effort or skill |
| 25. ter_____ng experience | <i>adj.</i> very frightening or intimidating |
| 26. me_____s vaccine | <i>n.</i> a highly infectious viral disease that causes fever, red spots on the skin, and other flu-like symptoms, typically affects children |
| 27. st_____le weapons | <i>n.</i> a large quantity or reserve of goods or materials that are accumulated and stored for future use, often used for emergency or contingency purposes; (verb) to accumulate or gather a large quantity of something, usually for future use or as a reserve |

ANSWERS: 18. retake, 19. sequent, 20. opportune, 21. galvanize, 22. droplet, 23. hoard, 24. procure, 25. terrifying, 26. measles, 27. stockpile

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| 28. br_____ck acceleration | <i>adj.</i> extremely fast and reckless; dangerous and high-speed |
| 29. va_____te against scarlet fever | <i>v.</i> to treat with a vaccine, usually by injection, to produce immunity against a disease |
| 30. ind_____us worker | <i>adj.</i> hardworking, diligent, and persistent in effort |
| 31. in___t other animal species | <i>v.</i> to affect a person, an animal, or a plant with a disease-causing organism |
| 32. up_____e neighborhood | <i>adj.</i> denoting products, services, or properties that are considered high-end, luxurious, or exclusive; (adverb) in a way that is high-class, luxurious, or intended to appeal to affluent consumers |
| 33. pr_____e a rare antique | <i>v.</i> to obtain, acquire, or secure something, often by effort or skill |
| 34. pre_____al diagnosis | <i>adj.</i> of or relating to the early phases of a disease when an accurate diagnosis is not possible because symptoms of the disease have not yet appeared; of or relating to the first stage of a medical education |
| 35. sp_____er of germs | <i>n.</i> a person or thing that spreads something, such as a disease, rumor, or substance |
| 36. st_____ng earthquake shocks | <i>adj.</i> extremely surprising, astonishing, and sometimes worrying |
| 37. co_____e the listener | <i>v.</i> to mistake one thing for another; to make somebody hard to understand |

ANSWERS: 28. breakneck, 29. vaccinate, 30. industrious, 31. infect, 32. upscale, 33. procure, 34. preclinical, 35. spreader, 36. startling, 37. confuse

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| 38. da___n the sound | <i>v.</i> to make something wet or moist; to reduce the intensity or impact of something, such as a feeling, sound, or movement |
| 39. zo____ic diseases | <i>adj.</i> relating to a zoonosis, which is a disease or infection that can be transmitted from animals to humans |
| 40. so____le problem | <i>adj.</i> capable of being solved or resolved; able to be fixed or resolved with effort, skill, or knowledge |
| 41. ex___e the crowd | <i>v.</i> to make someone feel suddenly enthusiastic or eager |
| 42. d_e rabbit | <i>n.</i> a mature female of mammals of which the male is called a buck, such as a deer or a rabbit |
| 43. gr__d your teeth | <i>v.</i> to reduce something to small particles or powder by crushing or rubbing it; to work hard over a long period of time |
| 44. flu pa____ic | <i>n.</i> an outbreak of a disease that affects many people over a very wide area |
| 45. in____ue against his rival | <i>v.</i> to make someone interested, especially by being strange, unusual, or mysterious; to make a secret plan with other people to harm someone |
| 46. pre______al safety evaluation | <i>adj.</i> of or relating to the early phases of a disease when an accurate diagnosis is not possible because symptoms of the disease have not yet appeared; of or relating to the first stage of a medical education |

ANSWERS: 38. dampen, 39. zoonotic, 40. solvable, 41. excite, 42. doe, 43. grind, 44. pandemic, 45. intrigue, 46. preclinical

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| 47. rei_____ce species | <i>v.</i> to bring back something that has been previously abolished or discontinued |
| 48. pr_____st the modern city | <i>v.</i> to exist or occur before something else, especially referring to a time period or event; to predate or come before |
| 49. nuclear st_____le | <i>n.</i> a large quantity or reserve of goods or materials that are accumulated and stored for future use, often used for emergency or contingency purposes; (verb) to accumulate or gather a large quantity of something, usually for future use or as a reserve |
| 50. go there af_____rd | <i>adv.</i> after the time mentioned |
| 51. hand cr__p | <i>n.</i> a sudden, painful contraction or spasm of a muscle, typically in the leg or abdomen; a feeling of tightness or discomfort in a muscle caused by prolonged use or stress |
| 52. French pa_____x | <i>n.</i> a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange; |
| 53. op_____st by nature | <i>n.</i> a person who tends to expect the best in all things and to be hopeful and confident about the future |
| 54. an_____x infection | <i>n.</i> a serious bacterial infection caused by <i>Bacillus anthracis</i> that can affect both humans and animals; it is characterized by a range of symptoms, including skin blisters, fever, and difficulty breathing, and can be fatal if left untreated |

ANSWERS: 47. reintroduce, 48. preexist, 49. stockpile, 50. afterward, 51. cramp, 52. paradox, 53. optimist, 54. anthrax

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| 55. a cr_____ng strike | <i>adj.</i> causing someone to become unable to walk or move; causing severe damage or harm |
| 56. asy_____tic carrier | <i>adj.</i> not experiencing or exhibiting any symptoms of a particular disease or condition, even though the individual may be infected or affected by it |
| 57. fight her_____ly | <i>adv.</i> in a way that shows great bravery, courage, or self-sacrifice |
| 58. glass v____ls | <i>n.</i> a small glass container, especially one containing liquid medicine or perfume |
| 59. a he____c poem | <i>adj.</i> courageous and daring; having or displaying qualities appropriate for legendary figures that is courage and daring |
| 60. se_____t steps | <i>adj.</i> following as a result or consequence |
| 61. interim cu_____r | <i>n.</i> a person whose job is to manage the objects or artworks in a museum, art gallery, etc. |
| 62. move closer to no_____cy | <i>n.</i> the state or quality of being normal, typical, or expected; the condition of being in accordance with social norms or expectations |
| 63. va_____te every year | <i>v.</i> to treat with a vaccine, usually by injection, to produce immunity against a disease |
| 64. buy stock ch_____y | <i>adv.</i> in a stingy or inexpensive manner |
| 65. pu_____d expression | <i>adj.</i> confused or uncertain because you do not understand something |

ANSWERS: 55. crippling, 56. asymptomatic, 57. heroically, 58. vial, 59. heroic, 60. sequent, 61. curator, 62. normalcy, 63. vaccinate, 64. cheaply, 65. puzzled

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| 66. fertilizer sp_____er | <i>n.</i> a person or thing that spreads something, such as a disease, rumor, or substance |
| 67. in____t under the skin | <i>v.</i> to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube) |
| 68. blo_____am in an artery | <i>n.</i> the blood flowing through the body |
| 69. he____c explorers | <i>adj.</i> courageous and daring; having or displaying qualities appropriate for legendary figures that is courage and daring |
| 70. cl__p down on extremism | <i>v.</i> to fasten or secure something tightly, often using a tool or device called a clamp; to restrict something or someone's freedom or movement; (noun) a device used to secure, fasten, or hold objects together; a mass or group of things that are held or gathered tightly together |
| 71. hu___e around the open fire | <i>v.</i> to crowd or press closely together; cuddle |
| 72. nasal mu__s | <i>n.</i> a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc. |
| 73. ter_____ng events | <i>adj.</i> very frightening or intimidating |
| 74. memory st_____nt | <i>n.</i> a substance or drug that increases or heightens physiological or nervous system activity typically used to improve alertness, attention, or concentration |

ANSWERS: 66. spreader, 67. inject, 68. bloodstream, 69. heroic, 70. clamp, 71. huddle, 72. mucus, 73. terrifying, 74. stimulant

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| 75. un___g accomplishment | <i>adj.</i> not praised or famous but deserving to be recognized for one's accomplishments or contributions; not publicized or acclaimed |
| 76. nuclear m__A | <i>n.</i> (an abbreviation for messenger RNA) a single-stranded molecule of RNA that corresponds to the genetic sequence of a gene, and is read by a ribosome in the process of synthesizing a protein |
| 77. co_____ss the chest | <i>v.</i> to press or squeeze together to make something take up less space |
| 78. ad_____nt medication | <i>n.</i> a substance that is added to a vaccine or medication to enhance its effects or increase its effectiveness |
| 79. diagnostic vi_____gy | <i>n.</i> the scientific study of viruses and their properties, including their structure, behavior, transmission, and effects on organisms |
| 80. re_____ss driving | <i>adj.</i> marked by a lack of care about danger and the likely results of your actions |
| 81. gr__d away at my work | <i>v.</i> to reduce something to small particles or powder by crushing or rubbing it; to work hard over a long period of time |
| 82. cor_____us bankruptcy | <i>n.</i> a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2 |

ANSWERS: 75. unsung, 76. mRNA, 77. compress, 78. adjuvant, 79. virology, 80. reckless, 81. grind, 82. coronavirus

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| 83. vaccine ad_____nt | <i>n.</i> a substance that is added to a vaccine or medication to enhance its effects or increase its effectiveness |
| 84. po_____rk scars | <i>n.</i> a small pit or indentation on the surface of something, particularly on the skin or on a surface that has been scarred or damaged |
| 85. cr_____ng debt | <i>adj.</i> causing someone to become unable to walk or move; causing severe damage or harm |
| 86. wh_____ng success | <i>adj.</i> extremely large, impressive, or noteworthy; it can also be used to describe a surprise or shock |
| 87. rep_____ity measure | <i>n.</i> the ability of an experiment, study, or result to be replicated or repeated by different researchers or laboratories, often seen as a key aspect of scientific rigor |
| 88. wh_____ng price | <i>adj.</i> extremely large, impressive, or noteworthy; it can also be used to describe a surprise or shock |
| 89. an_____x vaccine | <i>n.</i> a serious bacterial infection caused by <i>Bacillus anthracis</i> that can affect both humans and animals; it is characterized by a range of symptoms, including skin blisters, fever, and difficulty breathing, and can be fatal if left untreated |
| 90. a hard and re_____nt steel | <i>adj.</i> able to withstand or recover quickly from difficult conditions |
| 91. pre_____ry phase | <i>adj.</i> relating to or involving the preparation or planning of something, often before the main or more important event or activity |

ANSWERS: 83. adjuvant, 84. pockmark, 85. crippling, 86. whopping, 87. reproducibility, 88. whopping, 89. anthrax, 90. resilient, 91. preparatory

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| 92. ex___e rebellion | v. | to make someone feel suddenly enthusiastic or eager |
| 93. cl__p coupling | v. | to fasten or secure something tightly, often using a tool or device called a clamp; to restrict something or someone's freedom or movement; (noun) a device used to secure, fasten, or hold objects together; a mass or group of things that are held or gathered tightly together |
| 94. tr___h excavator | n. | a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water |
| 95. pr____st the current political tensions | v. | to exist or occur before something else, especially referring to a time period or event; to predate or come before |
| 96. m__A translation | n. | (an abbreviation for messenger RNA) a single-stranded molecule of RNA that corresponds to the genetic sequence of a gene, and is read by a ribosome in the process of synthesizing a protein |
| 97. re____e in popularity among enthusiasts | v. | to experience a new period of growth or activity after a time of dormancy or decline; to rise again or come back into existence |
| 98. plutonium ho__d | v. | to collect money, valuables, etc., for future use secretly; (noun) a secret store or collection of money, valuables, etc., for future use |

ANSWERS: 92. excite, 93. clamp, 94. trench, 95. preexist, 96. mRNA, 97. resurge, 98. hoard

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| 99. prescription st_____nt | <i>n.</i> a substance or drug that increases or heightens physiological or nervous system activity typically used to improve alertness, attention, or concentration |
| 100. inc_____ze carpooling | <i>v.</i> to make someone want to do in a particular way by offering them a reward |
| 101. taxonomic nom_____ure | <i>n.</i> a system or set of names or terms used in a particular field, such as science or medicine, or for classifying or categorizing things |
| 102. sm_____ox epidemic | <i>n.</i> a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death |
| 103. economic c__r | <i>n.</i> (also tsar or tzar) a title of rulers or monarchs, especially in Russia, before the Russian Revolution of 1917; an authoritarian or powerful political leader or high-level officeholder |
| 104. scientific rep_____ity | <i>n.</i> the ability of an experiment, study, or result to be replicated or repeated by different researchers or laboratories, often seen as a key aspect of scientific rigor |
| 105. di_____t sleep | <i>v.</i> to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance |
| 106. acute men_____is | <i>n.</i> inflammation of the protective membranes surrounding the brain and spinal cord, typically caused by a bacterial or viral infection and characterized by fever, headache, and a stiff neck |

ANSWERS: 99. stimulant, 100. incentivize, 101. nomenclature, 102. smallpox, 103. czar, 104. reproducibility, 105. disrupt, 106. meningitis

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| 107. sa____ze surfaces | v. | to clean or disinfect something to make it safe or hygienic; to remove potentially harmful or sensitive information from a document or communication |
| 108. in____ue him | v. | to make someone interested, especially by being strange, unusual, or mysterious; to make a secret plan with other people to harm someone |
| 109. st_____ng discovery | adj. | extremely surprising, astonishing, and sometimes worrying |
| 110. pu____d by the question | adj. | confused or uncertain because you do not understand something |
| 111. de___e my own life | v. | to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose |
| 112. rei_____ce capital punishment | v. | to bring back something that has been previously abolished or discontinued |
| 113. asy_____tic infection | adj. | not experiencing or exhibiting any symptoms of a particular disease or condition, even though the individual may be infected or affected by it |
| 114. up____e brand | adj. | denoting products, services, or properties that are considered high-end, luxurious, or exclusive; (adverb) in a way that is high-class, luxurious, or intended to appeal to affluent consumers |
| 115. me____s outbreak | n. | a highly infectious viral disease that causes fever, red spots on the skin, and other flu-like symptoms, typically affects children |

ANSWERS: 107. sanitize, 108. intrigue, 109. startling, 110. puzzled, 111. devote, 112. reintroduce, 113. asymptomatic, 114. upscale, 115. measles

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| 116. cor_____us antibody test kit | <i>n.</i> a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2 |
| 117. dr_____t formation | <i>n.</i> a small drop of liquid |
| 118. government bur_____cy | <i>n.</i> a system of government in which most of the important decisions are made by state officials rather than by elected representatives |
| 119. co_____ss gas | <i>v.</i> to press or squeeze together to make something take up less space |
| 120. airway mu__s | <i>n.</i> a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc. |
| 121. irr_____al numbers | <i>adj.</i> not based on, or not using reason or clear thinking; (mathematics) a real number that cannot be expressed as the ratio of two integers |
| 122. the pa_____x of the heap | <i>n.</i> a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange; |
| 123. pe_____ry countries | <i>n.</i> the outer edge or margin of something, especially a geographical area or a group of people |
| 124. buck and d_e | <i>n.</i> a mature female of mammals of which the male is called a buck, such as a deer or a rabbit |

ANSWERS: 116. coronavirus, 117. droplet, 118. bureaucracy, 119. compress, 120. mucus, 121. irrational, 122. paradox, 123. periphery, 124. doe

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| 125. sa____ze the kitchen | <i>v.</i> to clean or disinfect something to make it safe or hygienic; to remove potentially harmful or sensitive information from a document or communication |
| 126. br_____ck pace | <i>adj.</i> extremely fast and reckless; dangerous and high-speed |
| 127. ap_____d the orchestra | <i>v.</i> to express approval of someone or something by clapping the hands |
| 128. an op_____ne remark | <i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose |
| 129. mathematically so_____le equation | <i>adj.</i> capable of being solved or resolved; able to be fixed or resolved with effort, skill, or knowledge |
| 130. blo_____am to the brain | <i>n.</i> the blood flowing through the body |
| 131. un____g songwriter | <i>adj.</i> not praised or famous but deserving to be recognized for one's accomplishments or contributions; not publicized or acclaimed |
| 132. inoculation with co____x | <i>n.</i> a viral infection that affects cows and can be transmitted to humans, often through direct contact with infected animals, and a vaccine for smallpox is derived from cowpox |
| 133. ch_____a toxin | <i>n.</i> a severe infectious disease that causes acute diarrhea, vomiting, and dehydration, often resulting in a rapid and dangerous loss of body fluids and electrolytes |

ANSWERS: 125. sanitize, 126. breakneck, 127. applaud, 128. opportune, 129. solvable, 130. bloodstream, 131. unsung, 132. cowpox, 133. cholera

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| 134. co___a outbreak | <i>n.</i> 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 |
| 135. di____t a well-ordered condition | <i>v.</i> to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance |
| 136. re_____nt population | <i>adj.</i> able to withstand or recover quickly from difficult conditions |
| 137. stomach cr__p | <i>n.</i> a sudden, painful contraction or spasm of a muscle, typically in the leg or abdomen; a feeling of tightness or discomfort in a muscle caused by prolonged use or stress |
| 138. insulin v__l | <i>n.</i> a small glass container, especially one containing liquid medicine or perfume |
| 139. de___e all of my energies | <i>v.</i> to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose |
| 140. in a re_____ss manner | <i>adj.</i> marked by a lack of care about danger and the likely results of your actions |
| 141. degree programs in vi____gy | <i>n.</i> the scientific study of viruses and their properties, including their structure, behavior, transmission, and effects on organisms |
| 142. ind_____us student | <i>adj.</i> hardworking, diligent, and persistent in effort |

ANSWERS: 134. corona, 135. disrupt, 136. resilient, 137. cramp, 138. vial, 139. devote, 140. reckless, 141. virology, 142. industrious

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| 143. environmental tr_____ff | <i>n.</i> a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise |
| 144. in___e with spirit | <i>v.</i> to fill something with a particular quality, feeling, or influence; to imbue |
| 145. global pa_____ic | <i>n.</i> an outbreak of a disease that affects many people over a very wide area |
| 146. hu___e in a temporary shelter | <i>v.</i> to crowd or press closely together; cuddle |
| 147. arbitrary bur_____cy | <i>n.</i> a system of government in which most of the important decisions are made by state officials rather than by elected representatives |
| 148. co___x vaccine | <i>n.</i> a viral infection that affects cows and can be transmitted to humans, often through direct contact with infected animals, and a vaccine for smallpox is derived from cowpox |
| 149. persuade a dis_____er | <i>n.</i> a person who does not believe in something, such as a religion or idea |
| 150. excessive op_____st | <i>n.</i> a person who tends to expect the best in all things and to be hopeful and confident about the future |
| 151. ap_____d his courage | <i>v.</i> to express approval of someone or something by clapping the hands |
| 152. an irr_____al request | <i>adj.</i> not based on, or not using reason or clear thinking; (mathematics) a real number that cannot be expressed as the ratio of two integers |

ANSWERS: 143. trade-off, 144. infuse, 145. pandemic, 146. huddle, 147. bureaucracy, 148. cowpox, 149. disbeliever, 150. optimist, 151. applaud, 152. irrational

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| 153. technology c__r | <i>n.</i> (also tsar or tzar) a title of rulers or monarchs, especially in Russia, before the Russian Revolution of 1917; an authoritarian or powerful political leader or high-level officeholder |
| 154. in__t a personal opinion into a debate | <i>v.</i> to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube) |
| 155. a commercial at____e | <i>n.</i> a person who works at an embassy, usually having a specialized area of responsibility; a shallow and rectangular briefcase |
| 156. a few years af_____rd | <i>adv.</i> after the time mentioned |
| 157. da__n the enthusiasm | <i>v.</i> to make something wet or moist; to reduce the intensity or impact of something, such as a feeling, sound, or movement |
| 158. cu____r of a library | <i>n.</i> a person whose job is to manage the objects or artworks in a museum, art gallery, etc. |
| 159. pre_____ry work | <i>adj.</i> relating to or involving the preparation or planning of something, often before the main or more important event or activity |
| 160. in__t a computer with a virus | <i>v.</i> to affect a person, an animal, or a plant with a disease-causing organism |
| 161. imm_____ion program | <i>n.</i> the process of making a person or animal immune to a specific disease by administering a vaccine or other preventative measure |

ANSWERS: 153. czar, 154. inject, 155. attache, 156. afterward, 157. dampen, 158. curator, 159. preparatory, 160. infect, 161. immunization

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| 162. inc_____ze the right behavior | <i>v.</i> to make someone want to do in a particular way by offering them a reward |
| 163. acne po_____rks | <i>n.</i> a small pit or indentation on the surface of something, particularly on the skin or on a surface that has been scarred or damaged |
| 164. tr_____ff problem | <i>n.</i> a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise |
| 165. a mir_____us encounter | <i>adj.</i> very effective or lucky, or completely unexpected |
| 166. biological nom_____ure | <i>n.</i> a system or set of names or terms used in a particular field, such as science or medicine, or for classifying or categorizing things |
| 167. s__m area | <i>n.</i> a heavily populated urban area characterized by poor, run-down housing and infrastructure, often associated with poverty and social neglect |
| 168. re___e control | <i>v.</i> to take something again or a second time, especially an examination or a photograph, to correct mistakes or improve the result |
| 169. re_____e in demand | <i>v.</i> to experience a new period of growth or activity after a time of dormancy or decline; to rise again or come back into existence |
| 170. the mi_____t in an education system | <i>n.</i> the established set of attitudes or fixed ideas held by someone |

ANSWERS: 162. incentivize, 163. pockmark, 164. trade-off, 165. miraculous, 166. nomenclature, 167. slum, 168. retake, 169. resurge, 170. mindset

171. her_____ly saved

adv. in a way that shows great bravery, courage, or self-sacrifice

172. deep-sea tr____h

n. a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water

173. ch_____a epidemic

n. a severe infectious disease that causes acute diarrhea, vomiting, and dehydration, often resulting in a rapid and dangerous loss of body fluids and electrolytes

174. sm_____ox vaccine

n. a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death

ANSWERS: 171. heroically, 172. trench, 173. cholera, 174. smallpox

Session 3: Fill in the Blanks

1. Hunters use a whistle that makes the ____ sound to lure stags.
n. a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
2. The government is planning to _____ wolves to the national park to restore the balance of the ecosystem.
v. to bring back something that has been previously abolished or discontinued
3. They _____ a common secret instead of sharing it.
v. to collect money, valuables, etc., for future use secretly; (noun) a secret store or collection of money, valuables, etc., for future use
4. They fear a _____ of a new type of virus.
n. an outbreak of a disease that affects many people over a very wide area
5. I always _____ my hands before eating to prevent germs from spreading.
v. to clean or disinfect something to make it safe or hygienic; to remove potentially harmful or sensitive information from a document or communication
6. The rain helped _____ the flames of the campfire.
v. to make something wet or moist; to reduce the intensity or impact of something, such as a feeling, sound, or movement
7. She is a _____ person and has always bounced back from setbacks.
adj. able to withstand or recover quickly from difficult conditions
8. The nurse _____ the children in the school.
v. to treat with a vaccine, usually by injection, to produce immunity against a disease

ANSWERS: 1. doe, 2. reintroduce, 3. hoarded, 4. pandemic, 5. sanitize, 6. dampen, 7. resilient, 8. vaccinated

9. She _____ fresh herbs into the soup for added flavor.

v. to fill something with a particular quality, feeling, or influence; to imbue

10. The _____ events led to the downfall of the empire.

adj. following as a result or consequence

11. The idea for the novel _____ as fragments of a dream in the author's mind.

v. to exist or occur before something else, especially referring to a time period or event; to predate or come before

12. Cancer cells are often carried throughout the body by the _____.

n. the blood flowing through the body

13. 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

14. Despite the evidence, she remained a _____ in the theory of evolution.

n. a person who does not believe in something, such as a religion or idea

15. The outbreak of _____ was a major health crisis in the 19th century.

n. a severe infectious disease that causes acute diarrhea, vomiting, and dehydration, often resulting in a rapid and dangerous loss of body fluids and electrolytes

16. The _____ of healthcare is responsible for improving the quality and accessibility of healthcare for all citizens.

n. (also tsar or tzar) a title of rulers or monarchs, especially in Russia, before the Russian Revolution of 1917; an authoritarian or powerful political leader or high-level officeholder

ANSWERS: 9. infused, 10. sequent, 11. preexisted, 12. bloodstream, 13. corona, 14. disbeliever, 15. cholera, 16. czar

17. The study showed that one-third of infected individuals could remain _____ throughout the disease.

adj. not experiencing or exhibiting any symptoms of a particular disease or condition, even though the individual may be infected or affected by it

18. This medication is sealed in a _____.

n. a small glass container, especially one containing liquid medicine or perfume

19. She _____ the files into a single ZIP archive to save space on her computer.

v. to press or squeeze together to make something take up less space

20. He is still struggling with a _____ disease.

adj. causing someone to become unable to walk or move; causing severe damage or harm

21. There was a _____ between speed and accuracy in the task.

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

22. There are many theories to explain this _____.

n. a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;

23. _____ youth makes rueful age.

adj. marked by a lack of care about danger and the likely results of your actions

24. I need to _____ some supplies for the upcoming project.

v. to obtain, acquire, or secure something, often by effort or skill

ANSWERS: 17. asymptomatic, 18. vial, 19. compressed, 20. crippling, 21. trade-off, 22. paradox, 23. Reckless, 24. procure

25. I'm so sorry to _____ you when you're pretty busy.

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

26. The school sent a notice of a _____ case in one of the classrooms.

- n.* a highly infectious viral disease that causes fever, red spots on the skin, and other flu-like symptoms, typically affects children

27. She had to _____ the coffee beans before making a fresh cup.

- v.* to reduce something to small particles or powder by crushing or rubbing it; to work hard over a long period of time

28. A _____ was being dug alongside the road by workers.

- n.* a long, deep ditch made in the ground, usually parallel to a plate boundary and marking a subduction zone; a long ditch built in the ground for carrying away water

29. Due to the success of _____ programs, certain diseases, such as smallpox, have been eradicated.

- n.* the process of making a person or animal immune to a specific disease by administering a vaccine or other preventative measure

30. The children _____ together for warmth in the cold winter storm.

- v.* to crowd or press closely together; cuddle

31. He describes the story with _____ reality.

- adj.* extremely surprising, astonishing, and sometimes worrying

32. A single _____ of water can reflect the entire world upside down.

- n.* a small drop of liquid

ANSWERS: 25. disrupt, 26. measles, 27. grind, 28. trench, 29. immunization, 30. huddled, 31. startling, 32. droplet

33. Advances in _____ have led to the discovery of new viral diseases and their treatments.

- n.* the scientific study of viruses and their properties, including their structure, behavior, transmission, and effects on organisms

34. He used a wrench to _____ down the pipes tightly.

- v.* to fasten or secure something tightly, often using a tool or device called a clamp; to restrict something or someone's freedom or movement; (noun) a device used to secure, fasten, or hold objects together; a mass or group of things that are held or gathered tightly together

35. The doctor suspected that the patient was in the _____ stage of Alzheimer's disease.

- adj.* of or relating to the early phases of a disease when an accurate diagnosis is not possible because symptoms of the disease have not yet appeared; of or relating to the first stage of a medical education

36. The firefighter acted _____ to save the family from the burning building.

- adv.* in a way that shows great bravery, courage, or self-sacrifice

37. You can live very _____ in Southeast Asia.

- adv.* in a stingy or inexpensive manner

38. The phone rang at the most _____ time.

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

39. She is a confident _____ who always looks on the bright side.

- n.* a person who tends to expect the best in all things and to be hopeful and confident about the future

ANSWERS: 33. virology, 34. clamp, 35. preclinical, 36. heroically, 37. cheaply, 38. opportune, 39. optimist

40. We will explain the countermeasure concerning this problem _____.

adv. after the time mentioned

41. He made a _____ recovery.

adj. very effective or lucky, or completely unexpected

42. Many athletes use _____ like caffeine to boost their energy before a competition.

n. a substance or drug that increases or heightens physiological or nervous system activity typically used to improve alertness, attention, or concentration

43. The restaurant was decorated in an _____ style, making it feel luxurious.

adj. denoting products, services, or properties that are considered high-end, luxurious, or exclusive; (adverb) in a way that is high-class, luxurious, or intended to appeal to affluent consumers

44. I will have to _____ this test to get a passing grade.

v. to take something again or a second time, especially an examination or a photograph, to correct mistakes or improve the result

45. The _____ actions of individuals are now easily spread worldwide by SNS.

adj. courageous and daring; having or displaying qualities appropriate for legendary figures that is courage and daring

46. The _____ of computer programming languages can be quite abstract for beginners.

n. a system or set of names or terms used in a particular field, such as science or medicine, or for classifying or categorizing things

47. The community's _____ heroes often go unnoticed but are essential to its well-being.

adj. not praised or famous but deserving to be recognized for one's accomplishments or contributions; not publicized or acclaimed

ANSWERS: 40. afterward, 41. miraculous, 42. stimulants, 43. upscale, 44. retake, 45. heroic, 46. nomenclature, 47. unsung

48. The bumbling _____ made it difficult to get the permits we needed.
n. a system of government in which most of the important decisions are made by state officials rather than by elected representatives
49. Countries whose goal is economic development often focus on fostering an entrepreneurial _____ in each individual.
n. the established set of attitudes or fixed ideas held by someone
50. I had to stop running because of a severe _____ in my leg.
n. a sudden, painful contraction or spasm of a muscle, typically in the leg or abdomen; a feeling of tightness or discomfort in a muscle caused by prolonged use or stress
51. The artist's innovative style of work _____ me.
v. to make someone interested, especially by being strange, unusual, or mysterious; to make a secret plan with other people to harm someone
52. She was _____ by the strange behavior of her cat.
adj. confused or uncertain because you do not understand something
53. The factory was located on the city's _____ away from residential areas.
n. the outer edge or margin of something, especially a geographical area or a group of people
54. The person who attended the party while having COVID-19 became a virus _____.
n. a person or thing that spreads something, such as a disease, rumor, or substance
55. The new smartphone has a _____ 1TB of storage space.
adj. extremely large, impressive, or noteworthy; it can also be used to describe a surprise or shock

ANSWERS: 48. bureaucracy, 49. mindset, 50. cramp, 51. intrigues, 52. puzzled, 53. periphery, 54. spreader, 55. whopping

56. The farmer had a huge _____ of hay for the winter.

- n.* a large quantity or reserve of goods or materials that are accumulated and stored for future use, often used for emergency or contingency purposes; (verb) to accumulate or gather a large quantity of something, usually for future use or as a reserve

57. People who have been infected with _____ are protected from smallpox.

- n.* a viral infection that affects cows and can be transmitted to humans, often through direct contact with infected animals, and a vaccine for smallpox is derived from cowpox

58. An outbreak of _____ occurred in the 1920s.

- n.* a highly contagious viral disease characterized by fever, weakness, spots on the skin, and often death

59. Large earthquakes often generate _____ tsunamis.

- adj.* very frightening or intimidating

60. The museum _____ conserved the ancient manuscripts.

- n.* a person whose job is to manage the objects or artworks in a museum, art gallery, etc.

61. He was known to be very _____ and would often work late into the night.

- adj.* hardworking, diligent, and persistent in effort

62. The doctor prescribed an _____ therapy to help enhance the effectiveness of the cancer treatment.

- n.* a substance that is added to a vaccine or medication to enhance its effects or increase its effectiveness

ANSWERS: 56. stockpile, 57. cowpox, 58. smallpox, 59. terrifying, 60. curator, 61. industrious, 62. adjuvant

63. He _____ himself to studying the history of ancient civilizations.

- v.* to commit or dedicate oneself or one's time, effort, or energy to a particular task or purpose

64. Governments _____ their citizens to buy eco-friendly products through subsidies.

- v.* to make someone want to do in a particular way by offering them a reward

65. Children often _____ parents with this head cold.

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

66. The researchers spent considerable effort to ensure the _____ of their experiments.

- n.* the ability of an experiment, study, or result to be replicated or repeated by different researchers or laboratories, often seen as a key aspect of scientific rigor

67. The spread of the disease was due to its _____ nature, able to infect both humans and animals.

- adj.* relating to a zoonosis, which is a disease or infection that can be transmitted from animals to humans

68. She drove at a _____ speed, despite the dangerous conditions on the road.

- adj.* extremely fast and reckless; dangerous and high-speed

69. Scientists are currently researching new treatments for _____ that could improve survival rates in infected individuals

- n.* a serious bacterial infection caused by *Bacillus anthracis* that can affect both humans and animals; it is characterized by a range of symptoms, including skin blisters, fever, and difficulty breathing, and can be fatal if left untreated

ANSWERS: 63. devoted, 64. incentivize, 65. infect, 66. reproducibility, 67. zoonotic, 68. breakneck, 69. anthrax

70. Let's try to _____ a bit of enthusiasm into your performance.

- v.* to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

71. Her remarks _____ the debate.

- v.* to mistake one thing for another; to make somebody hard to understand

72. The small _____ on her face was hardly noticeable.

- n.* a small pit or indentation on the surface of something, particularly on the skin or on a surface that has been scarred or damaged

73. The government needs to invest more in affordable housing options to reduce the number of people living in _____.

- n.* a heavily populated urban area characterized by poor, run-down housing and infrastructure, often associated with poverty and social neglect

74. After a long period of chaos, they longed to return to _____.

- n.* the state or quality of being normal, typical, or expected; the condition of being in accordance with social norms or expectations

75. A prime minister talked with a military _____ of the country's embassy.

- n.* a person who works at an embassy, usually having a specialized area of responsibility; a shallow and rectangular briefcase

76. The _____ vaccination is recommended for individuals at a high risk of contracting the illness, such as college students and military personnel.

- n.* inflammation of the protective membranes surrounding the brain and spinal cord, typically caused by a bacterial or viral infection and characterized by fever, headache, and a stiff neck

ANSWERS: 70. inject, 71. confused, 72. pockmark, 73. slums, 74. normalcy, 75. attache, 76. meningitis

77. Attending a _____ course can help students improve their grades.

adj. relating to or involving the preparation or planning of something, often before the main or more important event or activity

78. I enthusiastically _____ my rival's achievement.

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

79. The engineers found the technical glitch in the system was quite _____ with a software update.

adj. capable of being solved or resolved; able to be fixed or resolved with effort, skill, or knowledge

80. Considering the situation of _____ organized stopped this year's beer festival.

n. a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2

81. They continued to endure _____ treatment by the dictatorship.

adj. not based on, or not using reason or clear thinking; (mathematics) a real number that cannot be expressed as the ratio of two integers

82. The motivational speech _____ the team and gave them the drive to succeed.

v. to stimulate or shock someone into taking action; to cover metal containing zinc to protect it from rust

83. The news of her promotion _____ her.

v. to make someone feel suddenly enthusiastic or eager

ANSWERS: 77. preparatory, 78. applaud, 79. solvable, 80. coronavirus, 81. irrational, 82. galvanized, 83. excited

84. The company hopes to _____ sales with a new marketing campaign.
- v.* to experience a new period of growth or activity after a time of dormancy or decline; to rise again or come back into existence
85. The _____ vaccine can expedite many approval processes because it does not contain a virus.
- n.* (an abbreviation for messenger RNA) a single-stranded molecule of RNA that corresponds to the genetic sequence of a gene, and is read by a ribosome in the process of synthesizing a protein
86. When the body temperature drops, _____ secretion fails.
- n.* a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.
87. It is _____ difficult to understand why some people choose to harm others for no reason
- adv.* in a way that is characteristic of or relating to human beings; in a way that is possible for humans to achieve or accomplish

ANSWERS: 84. resurge, 85. mRNA, 86. mucus, 87. humanly