

Englist.me



Vocabulary Builder Reference from...

*Alex Rosenthal and Pall Thordarson: Which is better:
Soap or hand sanitizer? | TED Talk*

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

All Words

IMPORTANT

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

Session 1: Word List

peak

n. the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain

synonym: summit, vertex, apex

(1) at **peak** hour, (2) the **peak** current in the circuit

This measurement aims to reduce traffic at **peak** periods.

valley

n. a long depression on the surface of the land, which typically contains a river

synonym: canyon, gorge, dale

(1) **valley** bottom, (2) basin-shaped **valley**

The **valley** had received a mild snowfall the previous week.

rift

n. a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces

synonym: split, break, gap

(1) **rift** between friends, (2) geological **rift**

Their disagreement caused a **rift** in their friendship.

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.

stick

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

synonym: pierce, adhere, stay

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

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

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.

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.

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.

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.

lipid

n. any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells

synonym: fat, oil, phospholipid

(1) **lipid** metabolism, (2) blood **lipid** profile

Omega-3 fatty acids, found in foods like fish and nuts, are a type of **lipid** that is good for heart health.

layer

n. a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas

synonym: stratum, sheet, coating

(1) **layer** cake, (2) **layer** of paint

The **layer** of frost on the ground was so thick it was difficult to walk on.

molecule

n. a group of two or more atoms held together by attractive forces known as chemical bonds

synonym: particle, element, atom

(1) small **molecules**, (2) **molecule** behavior

The shape of the DNA **molecule** is a double helix.

attract

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

synonym: lure, entice, draw in

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

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

repulse

v. to drive or force back; to reject with disgust or aversion
synonym: repel, drive away, reject

(1) **repulse** an attack, (2) **repulse** an invader

The army was **repulsed** by the enemy and forced to retreat.

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**.

naturally

adv. as might be expected; by natural manners

synonym: by nature, inherently, intrinsically

(1) **naturally** arising, (2) **naturally** regenerated forest

He was **naturally** gifted.

shell

n. hard outer covering or case of eggs, nuts, some seeds, and some animals

synonym: ammunition, armor, cover

(1) an egg **shell**, (2) a mollusk **shell**

The outermost electron **shell** determines the chemical properties of an atom.

reaction

n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

synonym: response, reply, answer

(1) chemical **reaction**, (2) trigger a **reaction**

There was a chemical **reaction** of the lime with the groundwater.

loose

adj. not securely fixed or fastened in place or able to be detached or separated from something

synonym: relaxed, unconsolidated, open

(1) a **loose** tongue, (2) remove **loose** hair

The inspector discovered **loose** bolts under the fuel rods.

hydrophobic

adj. tending to repel or be unreactive towards the water;
lacking affinity for water

synonym: water-repelling, aquaphobic, water-resistant

(1) **hydrophobic** molecules, (2) **hydrophobic** amino acids
The **hydrophobic** coating on the fabric repels water, keeping the wearer dry in a downpour.

structure

n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

synonym: construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

The organizational **structure** of start-ups is often flat and straightforward.

molecular

adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)

synonym: microscopic, atomic

(1) **molecular** structure, (2) **molecular** biology

Molecular weight is the sum of all the atoms.

machinery

n. a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something

synonym: apparatus, appliance, equipment

(1) heavy **machinery**, (2) inactive **machinery**

The **machinery** of audit formally issued a business improvement order.

cellular

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

synonym: organic, biological, nuclear

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

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

membrane

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

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

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

hijack

v. to seize control of an airplane or other vehicle during an operation, especially with violence

synonym: commandeer, seize, pirate

(1) **hijack** a helicopter, (2) **hijack** a phone number

He made a desperate effort to **hijack** an airliner.

pry

v. to force open or to try to get information from someone by asking too many questions

synonym: probe, investigate, inquire

(1) **pry** a secret out of a person, (2) **pry** into the affairs

He used a crowbar to **pry** open the locked door.

brand

n. a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

synonym: trademark, label, symbol

(1) create a **brand** logo, (2) the **brand** of the new car

There's a new **brand** of hero in the movies now.

quadrillion

n. a number equivalent to a thousand raised to the power of five, or 10 to the 15th power; colloquially used to indicate an extremely large or theoretical number

synonym: one thousand million million million

(1) **quadrillion** atoms, (2) **quadrillion** dollars

The energy output of the sun is measured in **quadrillions** of watts.

amphiphile

n. a molecule or compound that has both hydrophilic (water-loving) and hydrophobic (water-fearing) parts, often important in the formation of cell membranes and surfactants

(1) **amphiphile** bilayer, (2) **amphiphile** lipid

Soaps and detergents are examples of **amphiphile** compounds.

resemble

v. to look like or be similar to someone or something

synonym: look like, be similar to

(1) **resemble** each other, (2) **resemble** her mother

The brothers **resemble** each other in the hobby.

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.

similarly

adv. in almost the same way

synonym: also, likewise, ditto

(1) **similarly** situated, (2) have **similarly** great abilities

We argue that wages for temporary workers should **similarly** rise.

compete

v. to strive to achieve more success than someone or something

synonym: contend, contest, vie

(1) **compete** against a friend, (2) **compete** fiercely

You must **compete** with others to obtain this position.

bubble

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

synonym: blob, balloon, mania

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

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

particle

n. a small piece of something; a word or piece of a term with grammatical function but little or no significance

synonym: atom, grain, bit

(1) charged **particle**, (2) **particle** energy

We can calculate the position of the **particles** statistically.

protein

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

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

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

crowbar

n. a long, straight metal bar with a flattened or curved end used to pry or lever things apart

synonym: pry bar, pinch bar

(1) remove nails with a **crowbar**, (2) use a **crowbar**

She purchased a **crowbar-resistant** safe to protect her valuable possessions.

earthquake

n. a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface

synonym: seismic activity, tremor, temblor

(1) an **earthquake** zone, (2) an **earthquake-proof**

The violent **earthquake** caused widespread damage and injuries throughout the region.

surround

v. to be all around something or somebody

synonym: encircle, encompass, envelop

(1) **surround** a town, (2) a stone wall **surrounds** the palace

On three sides, mountains **surround** the settlement.

bond

n. a close emotional connection between two or more people; a certificate of debt that a government or

corporation issues to raise money

synonym: bind, adhesion, attachment

(1) **bond** as a family, (2) global **bond** market

They had formed a friendship **bond**.

strength

n. the quality or state of being physically, or sometimes mentally, strong

synonym: resilience, power, muscles

(1) **strength** of the economy, (2) muscular **strength**

Health and **strength** are, above all, gold.

spike

n. a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration of something

synonym: end, spindle, point

(1) to **spike**, (2) to prevent blood sugar **spikes**

The recent **spike** in grain prices is partly due to the war in the producing countries.

stability

n. the quality or attribute of being firm and steadfast

synonym: resilience, solidity, steadiness

(1) **stability** pact, (2) fiscal **stability** pact

The policy should increase the country's monetary **stability**.

concentration

n. the ability to focus all your time and energy on one thing without thinking about anything else.

synonym: attention, engagement, assiduity

(1) **concentration** of armaments, (2) his research area of **concentration**

This exam requires excellent **concentration** to pass.

alcohol

n. a clear liquid that can make people drunk and is used in medicines, cleaning products, etc.

synonym: booze, liquor, ethanol

(1) stop drinking **alcohol**, (2) diluted **alcohol**

There is a clear association between **alcohol** consumption

and cognitive decline.

ethanol

n. a colorless, flammable alcohol that is produced by the fermentation of sugars and is commonly used as a fuel, solvent, and in the manufacture of alcoholic beverages

synonym: alcohol, ethyl alcohol, grain alcohol

(1) **ethanol** plant, (2) **ethanol** production

The production of **ethanol** can have environmental benefits if produced from renewable sources.

isopropanol

n. a colorless, flammable liquid alcohol that is often used as a solvent, disinfectant, or antifreeze

synonym: isopropyl alcohol, rubbing alcohol

(1) **isopropanol** solution, (2) **isopropanol** hand sanitizer

I added a few drops of **isopropanol** to my windshield washer fluid to prevent it from freezing in the winter.

disappear

v. to cease to exist or be visible

synonym: fade, evaporate, vanish

(1) **disappear** without a trace, (2) **disappear** after a week

They watched the train **disappear** into the distance.

nail

n. a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes

synonym: pin, tack, fastener

(1) rusty **nail**, (2) **nail** clipper

He used a hammer and round **nail** to fix the loose board on the fence.

mortar

n. a mixture of cement, sand, and water used for binding building materials together; a heavy, deep bowl used to pound or grind substances

synonym: howitzer, cement mixer, masonry tool

(1) **mortar** joints, (2) apply **mortar**

The bricklayer started on the second course of bricks, laying them in fresh **mortar**.

collapse

- v. to fall down or give way suddenly, often after breaking apart

synonym: tumble, spill, bankruptcy

(1) the stock market **collapsed**, (2) ready to **collapse**

The roof finally **collapsed** after three days and three nights of heavy snowfall.

crumble

- v. to break or fall apart into small pieces or fragments, especially due to age, decay, or lack of support

synonym: disintegrate, collapse, deteriorate

(1) **crumble** to dust, (2) began to **crumble** under financial pressure

The old building was starting to **crumble** due to years of neglect and lack of maintenance.

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.

destroy

- v. to ruin or damage severely or completely; to eradicate or eliminate completely

synonym: demolish, ruin, obliterate

(1) **destroy** the ecosystem, (2) **destroyed** evidence

The building was **destroyed** in the fire and had to be rebuilt.

recommend

- v. to suggest that someone or something would be a suitable fit for a particular purpose or role

synonym: advise, suggest, instruct

(1) **recommend** a hospitalization, (2) **recommend** reading

We **recommend** taking media training every six months.

intricate

adj. having many different parts and small details that all work together

synonym: complicated, convoluted, complex

(1) **intricate** details, (2) **intricate** lacework

The politician managed to deal with that **intricate** issue.

landscape

n. an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

synonym: geography, terrain, topography

(1) a peaceful **landscape**, (2) **landscape** painting

Recent electoral shocks have shaken the political **landscape** in Europe.

palm

n. the inner surface of the hand from the wrist to the base of the fingers; any plant of the family Palmae having an unbranched trunk crowned by large pinnate or palmate leaves

synonym: hand, fist

(1) the **palm** side of the forearm, (2) coconut **palm** trees

This high-performance camera is compact enough to fit in the **palm** of your hand.

fingertip

n. the end or tip of a finger

(1) apply **fingertip** pressure, (2) burn my **fingertip**

The archaeologist ran his **fingertips** along the pattern of the tombstones.

prop

n. a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

synonym: support, buttress, column

(1) emotional **prop**, (2) **prop** stick

We have finally lost our last **prop**.

outbreak

n. a sudden start of something, usually a disease or something dangerous or unpleasant

synonym: eruption, outburst, explosion

(1) infectious disease **outbreaks**, (2) the **outbreak** of hostilities

The government predicts an epidemic **outbreak** of multiple viruses, including coronaviruses and influenza.

dirt

n. soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock

synonym: filth, grime, muck

(1) **dirt** road, (2) **dirt** track

The garden was filled with **dirt** and needed to be tilled before planting.

convenient

adj. useful, helpful, or quick to do

synonym: timely, fortunate, suitable

(1) **convenient** way, (2) **convenient** location

The airport offers five **convenient** access routes.

absence

n. the fact or condition of being away from a place where they are typically anticipated to be

synonym: dearth, scarcity, lack

(1) **absence** from work, (2) a leave of **absence**

Another critical factor of child poverty is the father's **absence**.

sink

v. to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else

synonym: descend, drop, plummet

(1) **sink** a lot of capital, (2) **sink** a buzzer-beater

The abandoned ship slowly began to **sink** into the murky waters of the harbor.

thorough

adj. done completely; significantly careful and accurate

synonym: complete, comprehensive, meticulous

(1) **thorough** investigation, (2) provide **thorough** analysis

A **thorough** brushing helps to keep your mouth fresh.

rub

v. to move one's hand or an object over the surface of something with pressure

synonym: scrub, massage, stroke

(1) **rub** shoulders, (2) **rub** a glass window

She **rubbed** the sore spot on her leg to ease the pain.

unfortunately

adv. by bad luck; unluckily

synonym: regrettably, unluckily, alas

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

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

aid

n. things sent to help countries in need, notably food or money; support

synonym: helper, resource, assistance

(1) financial **aid**, (2) country-by-country **aid** programs

Pakistan's **aid** budget was still being reviewed.

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.

device

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

synonym: gadget, instrument, tool

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

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

battery

n. a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

synonym: electric cell, array, batch

(1) a dry **battery**, (2) **battery** charging

The engine did not start because the **battery** was flat.

chlorine

n. a chemical element with the symbol Cl and atomic number 17, a greenish-yellow gas that is highly reactive and used in a variety of applications, including as a bleach and disinfectant

synonym: element, greenish-yellow gas, bleach

(1) **chlorine** gas, (2) **chlorine** tablet

Some people are sensitive to the smell of **chlorine** and experience headaches or respiratory irritation.

pathogen

n. a bacterium, virus, or other microorganism that causes disease

synonym: germ, microbe, bacterium

(1) plant **pathogen**, (2) the **pathogen** in the air

mRNA vaccines are approved faster because they do not contain inactivated **pathogens**.

viral

adj. relating to or caused by a virus

(1) fight **viral** infections, (2) detect a **viral** code

This device can more accurately detect **viral** pathogens.

necessarily

adv. in an essential manner; in such a way as could not be otherwise

synonym: inevitable, certainly, automatically

(1) not **necessarily** a problem, (2) **necessarily** true

This accident was something that happened **necessarily**.

rhinovirus

n. the most common viral infectious agent in humans and is the predominant cause of the common cold

(1) **rhinovirus** cold, (2) a **rhinovirus** in a host

About half of all asthma attacks are thought to be caused by **rhinovirus** infection.

geometric

adj. relating to or having the characteristics of geometry (= the shape, properties, and relations of points, lines, surfaces, solids)

synonym: mathematical, symmetrical, regular

(1) a **geometric** proof, (2) **geometric** pattern

The **geometric** shapes and patterns in the artwork are visually stunning.

capsid

n. the protein coat that surrounds the genetic material (DNA or RNA) of a virus, often serving as a protective barrier and helping to facilitate infection of host cells

synonym: protein coat, virus shell, viral capsid

(1) **capsid** protein, (2) **capsid** structure

The **capsid** of the virus is composed of protein subunits.

vulnerable

adj. capable of being hurt or influenced physically or mentally

synonym: susceptible, exposed, weak

(1) a **vulnerable** bridge, (2) **vulnerable** parts of the body

Infants and pregnant women are particularly **vulnerable**.

destabilize

v. to cause something to become less stable or secure

synonym: unsettle, disrupt, upset

(1) **destabilize** the market, (2) **destabilize** a good relationship

The political crisis **destabilized** the country and caused widespread turmoil.

residual

adj. relating to or constituting a remainder or leftover portion; remaining after other elements or factors have been removed or taken into account

synonym: residuary, leftover, remaining

(1) **residual** waste, (2) **residual** income

The scientist found **residual** traces of the chemical in the water sample.

relate

v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

synonym: connect, link, associate

(1) **relate** a story, (2) **relate** a message

He tried to **relate** his experience to the group, but they couldn't understand.

accredit

v. to give official recognition or approval to an individual, organization, or educational institution; to attribute something to a particular source or cause

synonym: authorize, endorse, validate

(1) **accredit** certification organizations, (2) **accredit** a course

The university will **accredit** the new college if it meets its standards.

medical

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

synonym: health, disease, treatment

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

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

Session 2: Spelling

- | | |
|---------------------------|---|
| 1. ca___d protein | <i>n.</i> the protein coat that surrounds the genetic material (DNA or RNA) of a virus, often serving as a protective barrier and helping to facilitate infection of host cells |
| 2. mo___r joints | <i>n.</i> a mixture of cement, sand, and water used for binding building materials together; a heavy, deep bowl used to pound or grind substances |
| 3. hyd_____ic amino acids | <i>adj.</i> tending to repel or be unreactive towards the water; lacking affinity for water |
| 4. ch___ne gas | <i>n.</i> a chemical element with the symbol Cl and atomic number 17, a greenish-yellow gas that is highly reactive and used in a variety of applications, including as a bleach and disinfectant |
| 5. to sp___e | <i>n.</i> a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration of something |
| 6. hyd_____ic molecules | <i>adj.</i> tending to repel or be unreactive towards the water; lacking affinity for water |
| 7. economic bu___e | <i>n.</i> a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses |

ANSWERS: 1. capsid, 2. mortar, 3. hydrophobic, 4. chlorine, 5. spike, 6. hydrophobic, 7. bubble

- | | |
|--|---|
| 8. the p__k current in the circuit | <i>n.</i> the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain |
| 9. country-by-country a_d programs | <i>n.</i> things sent to help countries in need, notably food or money; support |
| 10. inactive ma_____ry | <i>n.</i> a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something |
| 11. di_____ar without a trace | <i>v.</i> to cease to exist or be visible |
| 12. re_____e an attack | <i>v.</i> to drive or force back; to reject with disgust or aversion |
| 13. small mo_____les | <i>n.</i> a group of two or more atoms held together by attractive forces known as chemical bonds |
| 14. began to cr_____e under financial pressure | <i>v.</i> to break or fall apart into small pieces or fragments, especially due to age, decay, or lack of support |
| 15. ba_____y charging | <i>n.</i> a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them |
| 16. coconut p__m trees | <i>n.</i> the inner surface of the hand from the wrist to the base of the fingers; any plant of the family Palmae having an unbranched trunk crowned by large pinnate or palmate leaves |
| 17. de_____yed evidence | <i>v.</i> to ruin or damage severely or completely; to eradicate or eliminate completely |

ANSWERS: 8. peak, 9. aid, 10. machinery, 11. disappear, 12. repulse, 13. molecule, 14. crumble, 15. battery, 16. palm, 17. destroy

- | | |
|--|--|
| 18. na_____ly regenerated forest | <i>adv.</i> as might be expected; by natural manners |
| 19. b__d as a family | <i>n.</i> a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money |
| 20. qua_____on atoms | <i>n.</i> a number equivalent to a thousand raised to the power of five, or 10 to the 15th power; colloquially used to indicate an extremely large or theoretical number |
| 21. a stone wall su_____nds the palace | <i>v.</i> to be all around something or somebody |
| 22. in_____te lacework | <i>adj.</i> having many different parts and small details that all work together |
| 23. global b__d market | <i>n.</i> a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money |
| 24. ext_____ary ability | <i>adj.</i> exceptional, unexpected, very unusual; surpassing the ordinary or usual |
| 25. remove lo__e hair | <i>adj.</i> not securely fixed or fastened in place or able to be detached or separated from something |
| 26. burn my fi_____ip | <i>n.</i> the end or tip of a finger |
| 27. basin-shaped va____y | <i>n.</i> a long depression on the surface of the land, which typically contains a river |
| 28. co_____al swimming pool | <i>adj.</i> belonging to or used by a group rather than individuals; for common use |

ANSWERS: 18. naturally, 19. bond, 20. quadrillion, 21. surround, 22. intricate, 23. bond, 24. extraordinary, 25. loose, 26. fingertip, 27. valley, 28. communal

- | | |
|------------------------------------|--|
| 29. na_____ly arising | <i>adv.</i> as might be expected; by natural manners |
| 30. a rhi_____us in a host | <i>n.</i> the most common viral infectious agent in humans and is the predominant cause of the common cold |
| 31. st__k a key in a lock | <i>v.</i> to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material |
| 32. in_____te details | <i>adj.</i> having many different parts and small details that all work together |
| 33. d__t track | <i>n.</i> soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock |
| 34. la_____pe painting | <i>n.</i> an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance |
| 35. stress pr_____n | <i>n.</i> a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues |
| 36. co_____e fiercely | <i>v.</i> to strive to achieve more success than someone or something |
| 37. unf_____ely caught in a shower | <i>adv.</i> by bad luck; unluckily |
| 38. des_____ze the market | <i>v.</i> to cause something to become less stable or secure |

ANSWERS: 29. naturally, 30. rhinovirus, 31. stick, 32. intricate, 33. dirt, 34. landscape, 35. protein, 36. compete, 37. unfortunately, 38. destabilize

- | | |
|-----------------------------------|---|
| 39. a dry ba____y | <i>n.</i> a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them |
| 40. hi___k a phone number | <i>v.</i> to seize control of an airplane or other vehicle during an operation, especially with violence |
| 41. the stock market co____sed | <i>v.</i> to fall down or give way suddenly, often after breaking apart |
| 42. env_____nt affairs | <i>n.</i> the natural world such as air, water, and land in which humans, animals, and plants live |
| 43. con_____ion of armaments | <i>n.</i> the ability to focus all your time and energy on one thing without thinking about anything else. |
| 44. ch_____ne tablet | <i>n.</i> a chemical element with the symbol Cl and atomic number 17, a greenish-yellow gas that is highly reactive and used in a variety of applications, including as a bleach and disinfectant |
| 45. bu___e in the champagne glass | <i>n.</i> a thin, round, and often transparent mass of gas that is surrounded by a thin layer of liquid; a state of economic or social prosperity that is unsustainable and eventually collapses |
| 46. s__k a lot of capital | <i>v.</i> to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else |

ANSWERS: 39. battery, 40. hijack, 41. collapse, 42. environment, 43. concentration, 44. chlorine, 45. bubble, 46. sink

47. a ce____ar phone handset *adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
48. n__l clipper *n.* a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes
49. r__t between friends *n.* a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces
50. an ear_____ke-proof *n.* a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface
51. a me____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
52. even more unf_____ely *adv.* by bad luck; unluckily
53. co____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
54. trigger a re____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
55. heavy ma_____ry *n.* a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something

ANSWERS: 47. cellular, 48. nail, 49. rift, 50. earthquake, 51. medical, 52. unfortunately, 53. communal, 54. reaction, 55. machinery

- | | |
|---|--|
| 56. at p__k hour | <i>n.</i> the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain |
| 57. mo_____ar structure | <i>adj.</i> of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds) |
| 58. a leave of ab_____e | <i>n.</i> the fact or condition of being away from a place where they are typically anticipated to be |
| 59. r_b a glass window | <i>v.</i> to move one's hand or an object over the surface of something with pressure |
| 60. his research area of
con_____ion | <i>n.</i> the ability to focus all your time and energy on one thing without thinking about anything else. |
| 61. mo_____le behavior | <i>n.</i> a group of two or more atoms held together by attractive forces known as chemical bonds |
| 62. st_____ty pact | <i>n.</i> the quality or attribute of being firm and steadfast |
| 63. et_____l plant | <i>n.</i> a colorless, flammable alcohol that is produced by the fermentation of sugars and is commonly used as a fuel, solvent, and in the manufacture of alcoholic beverages |
| 64. et_____l production | <i>n.</i> a colorless, flammable alcohol that is produced by the fermentation of sugars and is commonly used as a fuel, solvent, and in the manufacture of alcoholic beverages |

ANSWERS: 56. peak, 57. molecular, 58. absence, 59. rub, 60. concentration, 61. molecule, 62. stability, 63. ethanol, 64. ethanol

- | | |
|----------------------------------|---|
| 65. la__r of paint | <i>n.</i> a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas |
| 66. create a br__d logo | <i>n.</i> a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning |
| 67. a lo__e tongue | <i>adj.</i> not securely fixed or fastened in place or able to be detached or separated from something |
| 68. va___y bottom | <i>n.</i> a long depression on the surface of the land, which typically contains a river |
| 69. geological r__t | <i>n.</i> a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces |
| 70. re_____le each other | <i>v.</i> to look like or be similar to someone or something |
| 71. remove nails with a cr_____r | <i>n.</i> a long, straight metal bar with a flattened or curved end used to pry or lever things apart |
| 72. iso_____ol solution | <i>n.</i> a colorless, flammable liquid alcohol that is often used as a solvent, disinfectant, or antifreeze |
| 73. use a cr_____r | <i>n.</i> a long, straight metal bar with a flattened or curved end used to pry or lever things apart |

ANSWERS: 65. layer, 66. brand, 67. loose, 68. valley, 69. rift, 70. resemble, 71. crowbar, 72. isopropanol, 73. crowbar

74. financial a_d	<i>n.</i> things sent to help countries in need, notably food or money; support
75. a ge_____ic proof	<i>adj.</i> relating to or having the characteristics of geometry (= the shape, properties, and relations of points, lines, surfaces, solids)
76. the br__d of the new car	<i>n.</i> a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning
77. to prevent blood sugar sp__es	<i>n.</i> a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration of something
78. th_____gh investigation	<i>adj.</i> done completely; significantly careful and accurate
79. ce_____ar and molecular biology	<i>adj.</i> of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
80. fiscal st_____ty pact	<i>n.</i> the quality or attribute of being firm and steadfast
81. vul_____le parts of the body	<i>adj.</i> capable of being hurt or influenced physically or mentally
82. di_____ar after a week	<i>v.</i> to cease to exist or be visible
83. the p__m side of the forearm	<i>n.</i> the inner surface of the hand from the wrist to the base of the fingers; any plant of the family Palmae having an unbranched trunk crowned by large pinnate or palmate leaves

ANSWERS: 74. aid, 75. geometric, 76. brand, 77. spike, 78. thorough, 79. cellular, 80. stability, 81. vulnerable, 82. disappear, 83. palm

- | | |
|------------------------------|--|
| 84. nec_____ly true | <i>adv.</i> in an essential manner; in such a way as could not be otherwise |
| 85. amp_____le bilayer | <i>n.</i> a molecule or compound that has both hydrophilic (water-loving) and hydrophobic (water-fearing) parts, often important in the formation of cell membranes and surfactants |
| 86. ca___d structure | <i>n.</i> the protein coat that surrounds the genetic material (DNA or RNA) of a virus, often serving as a protective barrier and helping to facilitate infection of host cells |
| 87. diluted al_____l | <i>n.</i> a clear liquid that can make people drunk and is used in medicines, cleaning products, etc. |
| 88. a peaceful la_____pe | <i>n.</i> an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance |
| 89. rhi_____us cold | <i>n.</i> the most common viral infectious agent in humans and is the predominant cause of the common cold |
| 90. st_____th of the economy | <i>n.</i> the quality or state of being physically, or sometimes mentally, strong |
| 91. r_b shoulders | <i>v.</i> to move one's hand or an object over the surface of something with pressure |
| 92. the pa_____en in the air | <i>n.</i> a bacterium, virus, or other microorganism that causes disease |
| 93. blood li___d profile | <i>n.</i> any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells |

ANSWERS: 84. necessarily, 85. amphiphile, 86. capsid, 87. alcohol, 88. landscape, 89. rhinovirus, 90. strength, 91. rub, 92. pathogen, 93. lipid

- | | |
|---------------------------------|---|
| 94. ab____e from work | <i>n.</i> the fact or condition of being away from a place where they are typically anticipated to be |
| 95. a mollusk sh__l | <i>n.</i> hard outer covering or case of eggs, nuts, some seeds, and some animals |
| 96. the ou____ak of hostilities | <i>n.</i> a sudden start of something, usually a disease or something dangerous or unpleasant |
| 97. re___e a message | <i>v.</i> to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something |
| 98. 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 |
| 99. con____nt way | <i>adj.</i> useful, helpful, or quick to do |
| 100. re____nd reading | <i>v.</i> to suggest that someone or something would be a suitable fit for a particular purpose or role |
| 101. emotional p__p | <i>n.</i> a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something |

ANSWERS: 94. absence, 95. shell, 96. outbreak, 97. relate, 98. coronavirus, 99. convenient, 100. recommend, 101. prop

102. spread of the vi__s	<i>n.</i> a tiny infectious organic material that causes disease in people, animals, and plants
103. d__t road	<i>n.</i> soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
104. apply fi_____ip pressure	<i>n.</i> the end or tip of a finger
105. nuclear me_____ne	<i>n.</i> a soft, thin layer that forms animal or vegetable tissue
106. infectious disease ou_____aks	<i>n.</i> a sudden start of something, usually a disease or something dangerous or unpleasant
107. pr_____n synthesis	<i>n.</i> a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
108. have si_____ly great abilities	<i>adv.</i> in almost the same way
109. re_____le her mother	<i>v.</i> to look like or be similar to someone or something
110. charged pa_____le	<i>n.</i> a small piece of something; a word or piece of a term with grammatical function but little or no significance
111. con_____nt location	<i>adj.</i> useful, helpful, or quick to do
112. 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

ANSWERS: 102. virus, 103. dirt, 104. fingertip, 105. membrane, 106. outbreak, 107. protein, 108. similarly, 109. resemble, 110. particle, 111. convenient, 112. coronavirus

- | | |
|--|--|
| 113. p_y a secret out of a person | <i>v.</i> to force open or to try to get information from someone by asking too many questions |
| 114. provide th____gh analysis | <i>adj.</i> done completely; significantly careful and accurate |
| 115. re____e an invader | <i>v.</i> to drive or force back; to reject with disgust or aversion |
| 116. st_____re and function of the brain | <i>n.</i> the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts |
| 117. evolutionary bi____y | <i>n.</i> the scientific study of life and the natural processes of living things |
| 118. li__d metabolism | <i>n.</i> any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells |
| 119. electronic de____e | <i>n.</i> a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic |
| 120. rusty n__l | <i>n.</i> a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes |
| 121. co____e against a friend | <i>v.</i> to strive to achieve more success than someone or something |

ANSWERS: 113. pry, 114. thorough, 115. repulse, 116. structure, 117. biology, 118. lipid, 119. device, 120. nail, 121. compete

- | | |
|----------------------------------|---|
| 122. pr____s improvement | <i>n.</i> 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 |
| 123. an ear_____ke zone | <i>n.</i> a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface |
| 124. fire st__k | <i>v.</i> to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material |
| 125. the st_____re of a machine | <i>n.</i> the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts |
| 126. cell and molecular bi_____y | <i>n.</i> the scientific study of life and the natural processes of living things |
| 127. p_y into the affairs | <i>v.</i> to force open or to try to get information from someone by asking too many questions |
| 128. hi___k a helicopter | <i>v.</i> to seize control of an airplane or other vehicle during an operation, especially with violence |
| 129. re_____al income | <i>adj.</i> relating to or constituting a remainder or leftover portion; remaining after other elements or factors have been removed or taken into account |

ANSWERS: 122. process, 123. earthquake, 124. stick, 125. structure, 126. biology, 127. pry, 128. hijack, 129. residual

130. chaotic env_____nt	<i>n.</i> the natural world such as air, water, and land in which humans, animals, and plants live
131. chemical re_____on	<i>n.</i> a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
132. pa_____le energy	<i>n.</i> a small piece of something; a word or piece of a term with grammatical function but little or no significance
133. de_____y the ecosystem	<i>v.</i> to ruin or damage severely or completely; to eradicate or eliminate completely
134. a strain of vi___s	<i>n.</i> a tiny infectious organic material that causes disease in people, animals, and plants
135. temporary me_____l treatment	<i>adj.</i> relating to the treatment of illness or injuries; relating to the practice of medicine
136. cr_____e to dust	<i>v.</i> to break or fall apart into small pieces or fragments, especially due to age, decay, or lack of support
137. fight vi___l infections	<i>adj.</i> relating to or caused by a virus
138. re_____nd a hospitalization	<i>v.</i> to suggest that someone or something would be a suitable fit for a particular purpose or role
139. ac_____it certification organizations	<i>v.</i> to give official recognition or approval to an individual, organization, or educational institution; to attribute something to a particular source or cause

ANSWERS: 130. environment, 131. reaction, 132. particle, 133. destroy, 134. virus, 135. medical, 136. crumble, 137. viral, 138. recommend, 139. accredit

- | | |
|-------------------------------|---|
| 140. decision-making pr____s | <i>n.</i> 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 |
| 141. si_____ly situated | <i>adv.</i> in almost the same way |
| 142. at_____t customers | <i>v.</i> to draw or entice someone or something towards them through the qualities they have, especially positive ones |
| 143. la__r cake | <i>n.</i> a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas |
| 144. sa_____ze surfaces | <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 |
| 145. apply mo____r | <i>n.</i> a mixture of cement, sand, and water used for binding building materials together; a heavy, deep bowl used to pound or grind substances |
| 146. not nec_____ly a problem | <i>adv.</i> in an essential manner; in such a way as could not be otherwise |
| 147. stop drinking al_____l | <i>n.</i> a clear liquid that can make people drunk and is used in medicines, cleaning products, etc. |

ANSWERS: 140. process, 141. similarly, 142. attract, 143. layer, 144. sanitize, 145. mortar, 146. necessarily, 147. alcohol

- | | |
|-------------------------------------|--|
| 148. p__p stick | <i>n.</i> a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something |
| 149. an egg sh__l | <i>n.</i> hard outer covering or case of eggs, nuts, some seeds, and some animals |
| 150. in___t a computer with a virus | <i>v.</i> to affect a person, an animal, or a plant with a disease-causing organism |
| 151. qua_____on dollars | <i>n.</i> a number equivalent to a thousand raised to the power of five, or 10 to the 15th power; colloquially used to indicate an extremely large or theoretical number |
| 152. re___e a story | <i>v.</i> to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something |
| 153. at_____t attention | <i>v.</i> to draw or entice someone or something towards them through the qualities they have, especially positive ones |
| 154. in___t other animal species | <i>v.</i> to affect a person, an animal, or a plant with a disease-causing organism |
| 155. amp_____le lipid | <i>n.</i> a molecule or compound that has both hydrophilic (water-loving) and hydrophobic (water-fearing) parts, often important in the formation of cell membranes and surfactants |

ANSWERS: 148. prop, 149. shell, 150. infect, 151. quadrillion, 152. relate, 153. attract, 154. infect, 155. amphiphile

156. cell me____nes	<i>n.</i> a soft, thin layer that forms animal or vegetable tissue
157. detect a vi__l code	<i>adj.</i> relating to or caused by a virus
158. 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
159. muscular st____th	<i>n.</i> the quality or state of being physically, or sometimes mentally, strong
160. re____al waste	<i>adj.</i> relating to or constituting a remainder or leftover portion; remaining after other elements or factors have been removed or taken into account
161. ext____ary weather	<i>adj.</i> exceptional, unexpected, very unusual; surpassing the ordinary or usual
162. iso____ol hand sanitizer	<i>n.</i> a colorless, flammable liquid alcohol that is often used as a solvent, disinfectant, or antifreeze
163. mo____ar biology	<i>adj.</i> of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
164. tracking de____e	<i>n.</i> a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
165. ready to co____se	<i>v.</i> to fall down or give way suddenly, often after breaking apart
166. ac____it a course	<i>v.</i> to give official recognition or approval to an individual, organization, or educational institution; to attribute something to a particular source or cause

ANSWERS: 156. membrane, 157. viral, 158. sanitize, 159. strength, 160. residual, 161. extraordinary, 162. isopropanol, 163. molecular, 164. device, 165. collapse, 166. accredit

- | | |
|-------------------------------------|---|
| 167. des_____ze a good relationship | <i>v.</i> to cause something to become less stable or secure |
| 168. a vul_____le bridge | <i>adj.</i> capable of being hurt or influenced physically or mentally |
| 169. ge_____ic pattern | <i>adj.</i> relating to or having the characteristics of geometry (= the shape, properties, and relations of points, lines, surfaces, solids) |
| 170. su_____nd a town | <i>v.</i> to be all around something or somebody |
| 171. plant pa_____en | <i>n.</i> a bacterium, virus, or other microorganism that causes disease |
| 172. s__k a buzzer-beater | <i>v.</i> to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else |

ANSWERS: 167. destabilize, 168. vulnerable, 169. geometric, 170. surround, 171. pathogen, 172. sink

Session 3: Fill in the Blanks

1. She purchased a _____ safe to protect her valuable possessions.
n. a long, straight metal bar with a flattened or curved end used to pry or lever things apart
2. _____ weight is the sum of all the atoms.
adj. of or relating to molecules (= a group of two or more atoms held together by attractive forces known as chemical bonds)
3. The _____ of the virus is composed of protein subunits.
n. the protein coat that surrounds the genetic material (DNA or RNA) of a virus, often serving as a protective barrier and helping to facilitate infection of host cells
4. You _____ a bill in the change machine, and the coins pop out.
v. to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
5. mRNA vaccines are approved faster because they do not contain inactivated _____.
n. a bacterium, virus, or other microorganism that causes disease
6. The shape of the DNA _____ is a double helix.
n. a group of two or more atoms held together by attractive forces known as chemical bonds
7. The policy should increase the country's monetary _____.
n. the quality or attribute of being firm and steadfast

ANSWERS: 1. crowbar-resistant, 2. Molecular, 3. capsid, 4. stick, 5. pathogens, 6. molecule, 7. stability

8. We argue that wages for temporary workers should _____ rise.
adv. in almost the same way
9. There's a new _____ of hero in the movies now.
n. a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning
10. They had formed a friendship _____.
n. a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
11. He used a crowbar to ____ open the locked door.
v. to force open or to try to get information from someone by asking too many questions
12. He narrated the _____ story of his adventure.
adj. exceptional, unexpected, very unusual; surpassing the ordinary or usual
13. Pakistan's ____ budget was still being reviewed.
n. things sent to help countries in need, notably food or money; support
14. 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
15. He made a desperate effort to _____ an airliner.
v. to seize control of an airplane or other vehicle during an operation, especially with violence

ANSWERS: 8. similarly, 9. brand, 10. bond, 11. pry, 12. extraordinary, 13. aid, 14. sanitize, 15. hijack

16. Children often _____ parents with this head cold.

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

17. He used a hammer and round _____ to fix the loose board on the fence.

- n.* a thin, pointed piece of metal with a flat head used for fastening things together; the thin hard layer covering and protecting the outer tip of the fingers or toes

18. 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

19. The university will _____ the new college if it meets its standards.

- v.* to give official recognition or approval to an individual, organization, or educational institution; to attribute something to a particular source or cause

20. The brothers _____ each other in the hobby.

- v.* to look like or be similar to someone or something

21. The _____ had received a mild snowfall the previous week.

- n.* a long depression on the surface of the land, which typically contains a river

22. This exam requires excellent _____ to pass.

- n.* the ability to focus all your time and energy on one thing without thinking about anything else.

23. The army was _____ by the enemy and forced to retreat.

- v.* to drive or force back; to reject with disgust or aversion

ANSWERS: 16. infect, 17. nail, 18. process, 19. accredit, 20. resemble, 21. valley, 22. concentration, 23. repulsed

24. The old building was starting to _____ due to years of neglect and lack of maintenance.

- v.* to break or fall apart into small pieces or fragments, especially due to age, decay, or lack of support

25. The _____ team worked quickly to save the patient's life.

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

26. Loud noises might harm the fragile ear _____.

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

27. He was _____ gifted.

- adv.* as might be expected; by natural manners

28. We have finally lost our last _____.

- n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

29. 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

30. She _____ the sore spot on her leg to ease the pain.

- v.* to move one's hand or an object over the surface of something with pressure

31. The body needs a certain amount of _____ to build and repair tissues.

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

ANSWERS: 24. crumble, 25. medical, 26. membrane, 27. naturally, 28. prop, 29. coronavirus, 30. rubbed, 31. protein

32. The recent _____ in grain prices is partly due to the war in the producing countries.

- n.* a narrow, thin, pointed piece of metal, wood, etc.; a sudden large increase in the magnitude or concentration of something

33. Another critical factor of child poverty is the father's _____.

- n.* the fact or condition of being away from a place where they are typically anticipated to be

34. On three sides, mountains _____ the settlement.

- v.* to be all around something or somebody

35. The _____ shapes and patterns in the artwork are visually stunning.

- adj.* relating to or having the characteristics of geometry (= the shape, properties, and relations of points, lines, surfaces, solids)

36. _____ elections were held in several European countries.

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

37. Health and _____ are, above all, gold.

- n.* the quality or state of being physically, or sometimes mentally, strong

38. 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

39. Some people are sensitive to the smell of _____ and experience headaches or respiratory irritation.

- n.* a chemical element with the symbol Cl and atomic number 17, a greenish-yellow gas that is highly reactive and used in a variety of applications, including as a bleach and disinfectant

ANSWERS: 32. spike, 33. absence, 34. surround, 35. geometric, 36. Communal, 37. strength, 38. environment, 39. chlorine

40. The violent _____ caused widespread damage and injuries throughout the region.
- n.* a sudden and violent shaking of the ground caused by the movement of rock beneath the earth's surface
41. The outermost electron _____ determines the chemical properties of an atom.
- n.* hard outer covering or case of eggs, nuts, some seeds, and some animals
42. This accident was something that happened _____.
- adv.* in an essential manner; in such a way as could not be otherwise
43. There was a chemical _____ of the lime with the groundwater.
- n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
44. 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
45. The building was _____ in the fire and had to be rebuilt.
- v.* to ruin or damage severely or completely; to eradicate or eliminate completely
46. The inspector discovered _____ bolts under the fuel rods.
- adj.* not securely fixed or fastened in place or able to be detached or separated from something
47. There is a clear association between _____ consumption and cognitive decline.
- n.* a clear liquid that can make people drunk and is used in medicines, cleaning products, etc.

ANSWERS: 40. earthquake, 41. shell, 42. necessarily, 43. reaction, 44. virus, 45. destroyed, 46. loose, 47. alcohol

48. The _____ of audit formally issued a business improvement order.
- n.* a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something
49. The abandoned ship slowly began to _____ into the murky waters of the harbor.
- v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
50. About half of all asthma attacks are thought to be caused by _____ infection.
- n.* the most common viral infectious agent in humans and is the predominant cause of the common cold
51. The _____ of frost on the ground was so thick it was difficult to walk on.
- n.* a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas
52. The engine did not start because the _____ was flat.
- n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
53. Soaps and detergents are examples of _____ compounds.
- n.* a molecule or compound that has both hydrophilic (water-loving) and hydrophobic (water-fearing) parts, often important in the formation of cell membranes and surfactants
54. The _____ coating on the fabric repels water, keeping the wearer dry in a downpour.
- adj.* tending to repel or be unreactive towards the water; lacking affinity for water

ANSWERS: 48. machinery, 49. sink, 50. rhinovirus, 51. layer, 52. battery, 53. amphiphile, 54. hydrophobic

55. We can calculate the position of the _____ statistically.

- n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance

56. 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

57. Their disagreement caused a _____ in their friendship.

- n.* a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces

58. The organizational _____ of start-ups is often flat and straightforward.

- n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

59. Many people worry that the current real estate market is a _____ that could burst soon.

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

60. Infants and pregnant women are particularly _____.

- adj.* capable of being hurt or influenced physically or mentally

61. A _____ brushing helps to keep your mouth fresh.

- adj.* done completely; significantly careful and accurate

62. The government predicts an epidemic _____ of multiple viruses, including coronaviruses and influenza.

- n.* a sudden start of something, usually a disease or something dangerous or unpleasant

ANSWERS: 55. particles, 56. biology, 57. rift, 58. structure, 59. bubble, 60. vulnerable, 61. thorough, 62. outbreak

63. The energy output of the sun is measured in _____ of watts.

- n.* a number equivalent to a thousand raised to the power of five, or 10 to the 15th power; colloquially used to indicate an extremely large or theoretical number

64. We _____ taking media training every six months.

- v.* to suggest that someone or something would be a suitable fit for a particular purpose or role

65. The airport offers five _____ access routes.

- adj.* useful, helpful, or quick to do

66. This factory employs a _____ manufacturing system.

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

67. The treatments were done but, _____ were unsuccessful.

- adv.* by bad luck; unluckily

68. Omega-3 fatty acids, found in foods like fish and nuts, are a type of _____ that is good for heart health.

- n.* any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells

69. The political crisis _____ the country and caused widespread turmoil.

- v.* to cause something to become less stable or secure

70. The production of _____ can have environmental benefits if produced from renewable sources.

- n.* a colorless, flammable alcohol that is produced by the fermentation of sugars and is commonly used as a fuel, solvent, and in the manufacture of alcoholic beverages

ANSWERS: 63. quadrillions, 64. recommend, 65. convenient, 66. cellular, 67. unfortunately, 68. lipid, 69. destabilized, 70. ethanol

71. This device can more accurately detect _____ pathogens.

adj. relating to or caused by a virus

72. The roof finally _____ after three days and three nights of heavy snowfall.

v. to fall down or give way suddenly, often after breaking apart

73. You must _____ with others to obtain this position.

v. to strive to achieve more success than someone or something

74. I added a few drops of _____ to my windshield washer fluid to prevent it from freezing in the winter.

n. a colorless, flammable liquid alcohol that is often used as a solvent, disinfectant, or antifreeze

75. I always carry a backup _____ in case my phone runs out of battery.

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

76. The bricklayer started on the second course of bricks, laying them in fresh _____.

n. a mixture of cement, sand, and water used for binding building materials together; a heavy, deep bowl used to pound or grind substances

77. They watched the train _____ into the distance.

v. to cease to exist or be visible

78. The scientist found _____ traces of the chemical in the water sample.

adj. relating to or constituting a remainder or leftover portion; remaining after other elements or factors have been removed or taken into account

ANSWERS: 71. viral, 72. collapsed, 73. compete, 74. isopropanol, 75. device, 76. mortar, 77. disappear, 78. residual

79. He tried to _____ his experience to the group, but they couldn't understand.
- v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
80. Recent electoral shocks have shaken the political _____ in Europe.
- n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
81. The politician managed to deal with that _____ issue.
- adj.* having many different parts and small details that all work together
82. The government is eager to _____ international investment.
- v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
83. The archaeologist ran his _____ along the pattern of the tombstones.
- n.* the end or tip of a finger
84. This high-performance camera is compact enough to fit in the _____ of your hand.
- n.* the inner surface of the hand from the wrist to the base of the fingers; any plant of the family Palmae having an unbranched trunk crowned by large pinnate or palmate leaves
85. This measurement aims to reduce traffic at _____ periods.
- n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
86. The garden was filled with _____ and needed to be tilled before planting.
- n.* soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock

ANSWERS: 79. relate, 80. landscape, 81. intricate, 82. attract, 83. fingertips, 84. palm, 85. peak, 86. dirt

ANSWERS: