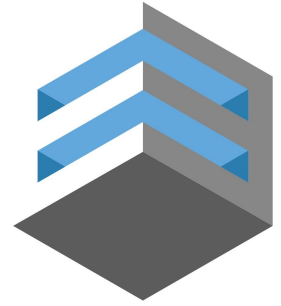


Englist.me



Vocabulary Builder Reference from...

Congrui Jin: What if cracks in concrete could fix themselves? | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

concrete

adj. existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement

synonym : actual, factual, hardened

(1) a **concrete** noun, (2) **concrete** examples

The president asked for a more **concrete** plan.

construct

v. to build or create something; to assemble or combine different parts to form something whole

synonym : build, assemble, create

(1) **construct** a 3D image, (2) **construct** a dam

He **constructs** hypotheses that no mathematician has ever imagined before.

swath

n. a strip of land, especially a long, narrow one; a large amount or quantity of something

synonym : strip, band, fodder

(1) a large **swath** of territory, (2) a **swath** of green grass

The charity organization has helped to provide education to a vast **swath** of the population.

pave

v. to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel

or use

synonym : surface, coat, cover

(1) **pave** a new path, (2) **pave** a smoother road

They **paved** the courtyard with bricks, giving it a more polished appearance.

span

n. the entire length of something, such as time or space from beginning to end; the amount of space that something covers

synonym : interval, period, length

(1) the **span** of a bird's wings, (2) the average life **span**

He slightly modified the **span** of training because it was just before a match.

vast

adj. enormous in size, number, amount, or quantity

synonym : expansive, extended, boundless

(1) **vast** majority, (2) **vast** desert

A **vast** audience viewed the broadcast.

skyscraper

n. a very tall building, typically one in a city

synonym : high-rise, tower

(1) **skyscraper** apartment house, (2) steel-framed **skyscraper**

The 50-floor **skyscraper** loomed over the city, dwarfing the other buildings.

sturdy

adj. physically strong and not easily damaged

synonym : tough, bulky, inflexible

(1) **sturdy** frame, (2) **sturdy** young athletes

The vehicle is **sturdy** enough to handle rough terrain.

substance

n. the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug

synonym : essence, core, material

(1) an explosive **substance**, (2) **substance** abuse problem

The **substance** of the argument was well-presented.

prone

adj. inclined or likely to do something or to show a particular characteristic, especially something bad; lying face downward

synonym : inclined, susceptible, liable

(1) accident- **prone**, (2) **prone** to diarrhea

He was **prone** to making rash decisions.

catastrophic

adj. extremely harmful; causing physical or financial destruction

synonym : fatal, disastrous, destructive

(1) victim of **catastrophic** injuries, (2) **catastrophic** climate change

The extinction rate of aquatic animals was **catastrophic**.

crack

v. to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

synonym : snap, burst, break

(1) **crack** an eggshell, (2) a **crack** in a board

He that would eat the kernel must **crack** the nut.

heal

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

synonym : recover, bring around, mend

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

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

far-fetched

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

synonym : bizarre, doubtful, unbelievable

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

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

exploit

v. to make full use of and gain an advantage from resources, opportunities, etc.

synonym : use, abuse, control

(1) **exploit** a security hole, (2) **exploit** a valuable opportunity

We **exploit** our mining resources to strengthen our national power.

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.

combination

n. a collection of things that have been combined; an assemblage of separate parts or qualities

synonym : blend, hybrid, compounding

(1) genic **combinations**, (2) **combination** number

The **combination** to the safe was a secret.

coarse

adj. rough or uneven in texture; lacking refinement or sensitivity in behavior, speech, or manners

synonym : rough, rugged, harsh

(1) **coarse** language, (2) **coarse** texture

The kitchen knife had a **coarse** edge, making cutting through the tough steak difficult.

sand

n. finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action

synonym : grit, dust, powder

(1) **sand** dunes, (2) **sand** castle

The **sand** on the beach was warm and golden.

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.

aggregate

n. a collection or sum of different things often used to describe a total or combination of items

synonym : total, sum, whole

(1) data **aggregate**, (2) an **aggregate** of people

The **aggregate** amount of money raised for the charity was over a million dollars.

cement

v. make fast as if with cement; (noun) a building material that is a powder made of a mixture of calcined limestone and clay, used with water, sand, and small stones to make concrete

synonym : adhesive, glue

(1) **cement** a close relationship, (2) **cement** blend

They are eager to **cement** a positive reputation.

powder

n. a dry and fine substance that consists of very small, loose particles

synonym : dust, crumb, grain

(1) **powder** additive, (2) curry **powder**

She used a **powder** brush to apply her foundation evenly.

blend

v. to mix or combine two or more substances

synonym : combine, mix, intermingle

(1) **blend** all the elements, (2) **blend** milk and cream

The toad altered its appearance to better **blend** in with its new environments.

clay

n. a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics

synonym : ceramics, pottery, dirt

(1) **clay** animation, (2) soft **clay** ground

The sculptor carefully molded the **clay** into the desired shape.

limestone

n. a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite

synonym: calcareous rock, chalk

(1) sheer **limestone** cliffs, (2) **limestone** pavement

The Great Pyramid of Giza was built using blocks of **limestone**.

chemical

adj. relating to or connected with chemistry;

synonym: chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound

The firm has grown into a large **chemical** manufacturing.

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.

hydrate

v. to add water or moisture to something; to drink enough fluids to maintain proper moisture; (noun) any compound that contains water of crystallization

synonym: moisturize, water, rehydrate

(1) **hydrate** my skin, (2) acid **hydrate**

She drank water to **hydrate** her body.

eventually

adv. finally, particularly after a long time or a lot of struggle, complications, and so on

synonym: finally, someday, ultimately

(1) **eventually** become obsolete, (2) **eventually** succeed

The corporation **eventually** dominated the entire tobacco

business.

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**.

recipe

n. a set of instructions for preparing a dish, including the ingredients and the method of cooking

synonym: instructions, formula, method

(1) **recipe** book, (2) **recipe** collection

The **recipe** for the cake is passed down from generation to generation in her family.

surprisingly

adv. in a way that causes amazement or wonder

synonym: exceptionally, notably, unusually

(1) **surprisingly** advanced culture, (2) have **surprisingly** little effect

The exam was **surprisingly** tricky for everyone.

lifespan

n. the length of time for which a person, animal lives, or thing exists

synonym: duration, lifetime, continuance

(1) **lifespan** extension, (2) **lifespan** retrieval curve

Generally speaking, men have a shorter **lifespan** than women.

shrinkage

n. the process of becoming smaller or less in size or quantity; the amount by which something has shrunk, contracted, or diminished

synonym: loss, decrease, reduction

(1) muscle **shrinkage**, (2) budget **shrinkage**

The **shrinkage** in the wool sweater was caused by washing it in hot water.

excessive

adj. greater than what seems necessary, normal, or desirable

synonym : unreasonable, exorbitant, inflated

(1) an **excessive** force, (2) take **excessive** care

It would be best if you did not demand such an **excessive** charge.

thaw

v. to become less rigid or hostile; to melt, soften, or become more friendly

synonym : melt, defrost, unfreeze

(1) **thaw** out a glacier, (2) **thaw** relations between countries

The sun was beginning to **thaw** the frozen ground.

trigger

v. to make something happen suddenly; to cause something such as a device, machine, etc. to function

synonym : activate, spark, drive

(1) **trigger** a biochemical response, (2) **trigger** inflation

The incident **triggered** a political controversy.

steel

n. a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure

synonym : iron

(1) magnetic **steel**, (2) **steel** beam

This bridge is the third largest **steel** bridge in the world.

reinforcement

n. the act of strengthening, supporting, or consolidating; something that serves to strengthen or support

synonym : strengthening, support, underpinning

(1) social **reinforcement**, (2) **reinforcement** of beliefs

The wall was strengthened with the **reinforcement** of heavy steel beams.

oxygen

n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

(1) the hydrogen binds the **oxygen**, (2) lack of **oxygen**

The passenger grabbed for the **oxygen** mask.

carbon

n. a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

(1) **carbon** dioxide, (2) **carbon** emission

Trees absorb **carbon** dioxide and give off oxygen.

oxide

n. a chemical compound that contains at least one oxygen atom and one other element

(1) silver **oxide**, (2) combined **oxide**

The blood's red coloring comes from iron **oxide**.

corrode

v. to destroy or eat away slowly by chemical action; to gradually wear away, weaken, or disintegrate over time

synonym: erode, rust, eat away

(1) **corrode** steel drums, (2) **corrode** pipes

The saltwater can **corrode** metal over time if not properly maintained.

disastrous

adj. extremely bad, harmful, or unsuccessful

synonym: catastrophic, destructive, fatal

(1) have **disastrous** consequences, (2) absolutely **disastrous** effect

The emission of hazardous substances has **disastrous** effects on the ecology of a region.

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.

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.

highway

n. a main road, especially one connecting major towns or cities

synonym: road, expressway, freeway

(1) **highway** system, (2) an interstate **highway**

I'm going to take the **highway** to get to my destination faster.

constantly

adv. all the time

synonym: continuously, always, frequently

(1) a **constantly** innovative enterprise, (2) a **constantly** varying mind

The mobile application industry is **constantly** changing.

detect

v. to find or recognize something, especially something difficult to see, hear, etc.

synonym: catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders

The security camera has **detected** four intruders.

catastrophe

n. a sudden event that causes extreme ruin and misfortune

synonym: disaster, calamity, cataclysm

(1) **catastrophe** risk management, (2) avoid climate **catastrophe**

The lack of funds has resulted in a **catastrophe** for our university system.

endanger

v. to put someone or something in a risky situation

synonym: threaten, imperil, jeopardize

(1) **endanger** my health, (2) **endanger** a close relationship

Their actions **endangered** the lives of innocent people.

fortunate

adj. having good luck or lucky

synonym : fortuitous, lucky, blessed

(1) **fortunate** situation, (2) less **fortunate** person

He was pretty **fortunate** to pass the exam.

experiment

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

synonym : experimentation, investigation

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

His **experiments** showed highly positive results.

inspire

v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

synonym : boost, encourage, enlighten

(1) **inspire** a feeling of curiosity, (2) **inspire** him to write a novel

The unique style of this martial arts **inspired** many action film producers.

healing

n. the process of becoming or making somebody or something well again

synonym : recovery, recuperation, convalescence

(1) natural **healing** ability, (2) part of the **healing** process

Each ancient tribe has its **healing** traditions.

mechanism

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

synonym : means, method, system

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

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

calcium

n. a chemical element with the symbol Ca and atomic number 20, which is an important mineral for the human body

synonym : Ca, lime, chalk

(1) **calcium** deficiency, (2) ion of **calcium**

The patient was prescribed a **calcium** supplement to help prevent osteoporosis.

hydroxide

n. a chemical compound characterized by the presence of one or more hydroxyl groups (-OH), which can either act as a base or be neutralized by an acid to form a salt or water

synonym : base, lye, alkali

(1) **hydroxide** catalyst, (2) sodium **hydroxide** solution

Aluminum **hydroxide** is used in the treatment of stomach ulcers and heartburn.

react

v. to take action in response to something

synonym : respond, reply, oppose

(1) **react** at a high temperature, (2) **react** against his way of thinking

How did he **react** to your idea?

autogenous

adj. self-generated or originating from within the same organism or system

synonym : self-generated, self-produced, self-derived

(1) **autogenous** vaccine, (2) **autogenous** grinding

The welder used **autogenous** techniques to fuse the metal pieces without using filler material.

microscopic

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

synonym : infinitesimal, tiny, atomic

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

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

carbonate

n. a carbonic acid salt or ester that contains the anion CO₃

(1) sodium **carbonate**, (2) alkaline **carbonate**

The explosive chemical reaction does not occur in all sodium **carbonate**.

crystal

n. a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica

synonym : quartz

(1) liquid **crystal**, (2) **crystal** analyses

A vast **crystal** chandelier glittered brightly above us.

gradual

adj. happening slowly over a long period of time or distance; not steep or abrupt

synonym : incremental, gradational, piecemeal

(1) a **gradual** process, (2) a **gradual** change

The country experienced a **gradual** increase in population.

gap

n. a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.

synonym : opening, lacuna, spread

(1) the **gap** between ideal and reality, (2) distance **gap**

Many people are working together to close the gender **gap**.

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.

glue

n. a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials

synonym : adhesive, paste, gum

(1) **glue** stick, (2) epoxy **glue**

The carpenter applied **glue** to the cabinet joints before nailing them together.

adhesive

n. a sticky substance used to hold things together
synonym : sticky, clingy, gluey

(1) **adhesive** ability, (2) **adhesive** tape

You'll need some solid **adhesive** to repair that chair.

fiber

n. thread or filament used to make a vegetable tissue, mineral material, or textile

synonym : yarn, thread, wool

(1) carbon **fiber**, (2) synthetic **fiber**

We must consume dietary **fiber** to maintain good health.

tube

n. a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

synonym : pipe, hose, duct

(1) a capillary **tube**, (2) a glass **tube**

The **tube** train was packed with commuters during rush hour.

mixture

n. a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties

synonym : blend, amalgam, concoction

(1) **mixture** of emotions, (2) perfect **mixture**

The paint was a **mixture** of different pigments to achieve the desired color.

snap

v. to record on photographic film; to make a sudden, sharp sound; (noun) the act of catching an object with the hands

synonym : break, crack, fracture

(1) **snap** a whip, (2) **snap** judgment

She **snapped** a quick picture of the beautiful sunset before it disappeared.

release

v. to set free or allow to escape from confinement

synonym : free, let go, discharge

(1) **release** a prisoner, (2) **release** CO2 into the air
The animal rights group worked to **release** the dolphins back into the wild.

sticky

adj. made of or covered with an adhesive substance; hot or warm and humid

synonym: adhesive, gluey, clingy

(1) **sticky** weather, (2) **sticky** situation

A peculiar **sticky** material coated the foliage.

seal

v. to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed

synonym: enclose, shut, close

(1) **seal** a hole, (2) a fur **seal**

He **sealed** the letter with hot wax.

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym: finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

bacteria

n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

synonym: microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria**

Bacteria prevalent in hospitals are often resistant to antibiotics.

fungus

n. a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic

matter to survive

synonym : mold, mildew, yeast

(1) **fungus** infection, (2) symbiotic **fungus**

Certain types of **fungus** can be toxic to humans, causing severe illness if ingested.

mineral

n. a solid inorganic substance occurring in nature having a definite chemical composition

(1) vitamin and **minerals**, (2) **mineral** rights

The robust economy of the country is based on its **mineral** resources.

experimental

adj. relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have

synonym : empirical, exploratory, observed

(1) **experimental** data, (2) **experimental** design

The product is still in the **experimental** stage.

spore

n. a reproductive cell that is capable of developing into a new individual without fertilization, especially one produced by certain bacteria, fungi, and algae

synonym : seed, reproductive cell, particle

(1) anthrax **spore**, (2) **spore** reproduction

Bacteria and some algae also produce **spores** as a means of survival and dispersal, and they are often found in soil, water, and other environments.

nutrient

n. any substance that is essential for the maintenance and growth of living things

synonym : food, vitamin

(1) **nutrient** medicine, (2) a **nutrient** for hair

They used fast-acting **nutrients** on the flowers in the flower beds.

dormant

adj. in a state of temporary inactivity, rest, or sleep; not growing or progressing but capable of doing so under the right circumstances

synonym : inactive, sleeping, quiescent

(1) **dormant** volcano, (2) **dormant** account

The disease can remain **dormant** for years before it presents any symptoms.

trickle

v. to flow or drip slowly and in small amounts; to happen or occur gradually or in small quantities

synonym : dribble, flow, seep

(1) **trickle** down my cheek, (2) **trickle** from his eyes

Water was beginning to **trickle** into the basement after the heavy rain.

germinate

v. to begin to grow or develop, typically as a seed sprouts

synonym : sprout, grow, develop

(1) days to **germinate**, (2) **germinate** the idea

The seeds **germinated** quickly in the warm soil.

consume

v. to spend something, especially fuel, energy, or time, in a large amount

synonym : absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity

A smaller car will **consume** less fuel.

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.

mod

n. a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers

synonym : alteration, modification, tweak

(1) **mod** culture, (2) a house with **mod** cons

The **mod** for the video game added new features and improved gameplay.

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**.

roughly

adv. approximately but not precisely; with a violent manner

synonym: approximately, more or less, around

(1) **roughly** explain my idea, (2) **roughly** speaking

Five miles is **roughly** similar to eight kilometers.

microbe

n. a tiny living thing that can only be seen with a microscope and that may cause disease

synonym: germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

Microbes thrive on the surface of the human skin.

cycle

n. an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

synonym: revolution, rotation, bike

(1) the **cycle** of the seasons, (2) go to the workplace by **cycle**

The food chain causes a material **cycle**.

technique

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

synonym: approach, procedure, strategy

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

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

extensive

adj. covering a large area; having a wide range

synonym: ample, comprehensive, vast

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

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

incorporate

v. to include something as a part of a larger entity

synonym: contain, integrate, amalgamate

(1) **incorporate** the current trends, (2) **incorporate** technology into daily life

We will attempt to **incorporate** some of your suggestions into our future strategy.

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.

long-lasting

adj. existing or continuing for a long time

synonym: enduring, abiding, durable

(1) **long-lasting** battery, (2) a **long-lasting** friendship

They finally decided to solve the **long-lasting** problem.

drastic

adj. radical and extreme; likely to have a significant or far-reaching impact

synonym: extreme, fierce, radical

(1) **drastic** measures, (2) make **drastic** revision

The global community is undergoing **drastic** changes at present.

microorganism

n. a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope

synonym: germ, microbe, bacterium

(1) pathogenic **microorganism**, (2) **microorganisms** in his gut

This **microorganism** is a producer of respiratory disease.

reconsider

v. to think about a decision or opinion again to

synonym: rethink, review, revisit

(1) **reconsider** the determination, (2) **reconsider** my transfer

He humbly **reconsidered** his conduct.

inanimate

adj. not having life or spirit; not animate

synonym: lifeless, inert, passive

(1) **inanimate** nature, (2) **inanimate** matter

The **inanimate** object was not capable of movement or feeling.

jungle

n. an area of tropical forest where in which trees and plants grow very thickly

synonym: wilderness, forest

(1) middle of the **jungle**, (2) **jungle** exploration

This village is still in a dense **jungle**.

Session 2: Spelling

1. ce___t a close relationship
v. make fast as if with cement; (noun) a building material that is a powder made of a mixture of calcined limestone and clay, used with water, sand, and small stones to make concrete
2. an interstate hi____y
n. a main road, especially one connecting major towns or cities
3. the st_____re of a machine
n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
4. ce___t blend
v. make fast as if with cement; (noun) a building material that is a powder made of a mixture of calcined limestone and clay, used with water, sand, and small stones to make concrete
5. dr_____c measures
adj. radical and extreme; likely to have a significant or far-reaching impact
6. com_____on number
n. a collection of things that have been combined; an assemblage of separate parts or qualities
7. hy_____e my skin
v. to add water or moisture to something; to drink enough fluids to maintain proper moisture; (noun) any compound that contains water of crystallization
8. tr_____e from his eyes
v. to flow or drip slowly and in small amounts; to happen or occur gradually or in small quantities

ANSWERS: 1. cement, 2. highway, 3. structure, 4. cement, 5. drastic, 6. combination, 7. hydrate, 8. trickle

- | | |
|------------------------------------|---|
| 9. part of the he_____g process | <i>n.</i> the process of becoming or making somebody or something well again |
| 10. days to ge_____te | <i>v.</i> to begin to grow or develop, typically as a seed sprouts |
| 11. mic_____ic inquiry | <i>adj.</i> tiny; exceedingly precise and detail-oriented; of or used in microscopy |
| 12. sodium ca_____te | <i>n.</i> a carbonic acid salt or ester that contains the anion CO ₃ |
| 13. steel-framed sky_____er | <i>n.</i> a very tall building, typically one in a city |
| 14. liquid cr_____l | <i>n.</i> a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica |
| 15. co____e texture | <i>adj.</i> rough or uneven in texture; lacking refinement or sensitivity in behavior, speech, or manners |
| 16. mic_____ic analysis | <i>adj.</i> tiny; exceedingly precise and detail-oriented; of or used in microscopy |
| 17. have sur_____gly little effect | <i>adv.</i> in a way that causes amazement or wonder |
| 18. co_____ct a 3D image | <i>v.</i> to build or create something; to assemble or combine different parts to form something whole |
| 19. the hydrogen binds the ox____n | <i>n.</i> the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live |

ANSWERS: 9. healing, 10. germinate, 11. microscopic, 12. carbonate, 13. skyscraper, 14. crystal, 15. coarse, 16. microscopic, 17. surprisingly, 18. construct, 19. oxygen

20. aut_____us grinding *adj.* self-generated or originating from within the same organism or system
21. harmless ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
22. carbon fi___r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
23. sur_____gly advanced culture *adv.* in a way that causes amazement or wonder
24. sodium hy_____de solution *n.* a chemical compound characterized by the presence of one or more hydroxyl groups (-OH), which can either act as a base or be neutralized by an acid to form a salt or water
25. genic com_____ons *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
26. sp___e reproduction *n.* a reproductive cell that is capable of developing into a new individual without fertilization, especially one produced by certain bacteria, fungi, and algae
27. a sw___h of green grass *n.* a strip of land, especially a long, narrow one; a large amount or quantity of something
28. ex_____t a valuable opportunity *v.* to make full use of and gain an advantage from resources, opportunities, etc.

ANSWERS: 20. autogenous, 21. bacteria, 22. fiber, 23. surprisingly, 24. hydroxide, 25. combination, 26. spore, 27. swath, 28. exploit

29. s__p a whip *v.* to record on photographic film; to make a sudden, sharp sound; (noun) the act of catching an object with the hands
30. tr_____r a biochemical response *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
31. pathogenic mi_____e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
32. tr_____e down my cheek *v.* to flow or drip slowly and in small amounts; to happen or occur gradually or in small quantities
33. ca_____n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
34. en_____er a close relationship *v.* to put someone or something in a risky situation
35. s__p judgment *v.* to record on photographic film; to make a sudden, sharp sound; (noun) the act of catching an object with the hands
36. the te_____ue applied to construction *n.* a particular way or art of doing something that needs skill
37. lack of ox_____n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
38. de_____t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.

ANSWERS: 29. snap, 30. trigger, 31. microbe, 32. trickle, 33. carbon, 34. endanger, 35. snap, 36. technique, 37. oxygen, 38. detect

39. p__p stick *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
40. accident-pr__e *adj.* inclined or likely to do something or to show a particular characteristic, especially something bad; lying face downward
41. ca___n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
42. st___y frame *adj.* physically strong and not easily damaged
43. bl__d all the elements *v.* to mix or combine two or more substances
44. fu___s infection *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
45. anthrax sp__e *n.* a reproductive cell that is capable of developing into a new individual without fertilization, especially one produced by certain bacteria, fungi, and algae
46. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 39. prop, 40. prone, 41. carbon, 42. sturdy, 43. blend, 44. fungus, 45. spore, 46. environment

47. muscle sh_____ge *n.* the process of becoming smaller or less in size or quantity; the amount by which something has shrunk, contracted, or diminished
48. s__d castle *n.* finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
49. a ch_____al compound *adj.* relating to or connected with chemistry;
50. toxic ch_____als *adj.* relating to or connected with chemistry;
51. pathogenic ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
52. ready to co_____se *v.* to fall down or give way suddenly, often after breaking apart
53. 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
54. chemical 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. st__l beam *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure

ANSWERS: 47. shrinkage, 48. sand, 49. chemical, 50. chemical, 51. bacteria, 52. collapse, 53. reaction, 54. reaction, 55. steel

56. re___e collection *n.* a set of instructions for preparing a dish, including the ingredients and the method of cooking
57. li_____an retrieval curve *n.* the length of time for which a person, animal lives, or thing exists
58. ro_____y explain my idea *adv.* approximately but not precisely; with a violent manner
59. exp_____tal data *adj.* relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have
60. co___e language *adj.* rough or uneven in texture; lacking refinement or sensitivity in behavior, speech, or manners
61. a cr__k in a board *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
62. h__l the hurt mind *v.* to make a wound or injury to become well again
63. re__t at a high temperature *v.* to take action in response to something
64. unf_____ely caught in a shower *adv.* by bad luck; unluckily
65. mi_____l rights *n.* a solid inorganic substance occurring in nature having a definite chemical composition
66. soft c__y ground *n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics

ANSWERS: 56. recipe, 57. lifespan, 58. roughly, 59. experimental, 60. coarse, 61. crack, 62. heal, 63. react, 64. unfortunately, 65. mineral, 66. clay

67. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
68. li_____ne pavement *n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite
69. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
70. a nu_____nt for hair *n.* any substance that is essential for the maintenance and growth of living things
71. avoid climate cat_____he *n.* a sudden event that causes extreme ruin and misfortune
72. cat_____hic climate change *adj.* extremely harmful; causing physical or financial destruction
73. aut_____us vaccine *adj.* self-generated or originating from within the same organism or system
74. symbiotic fu____s *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
75. g__e stick *n.* a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials

ANSWERS: 67. discovery, 68. limestone, 69. process, 70. nutrient, 71. catastrophe, 72. catastrophic, 73. autogenous, 74. fungus, 75. glue

76. make dr____c revision *adj.* radical and extreme; likely to have a significant or far-reaching impact
77. ca____m deficiency *n.* a chemical element with the symbol Ca and atomic number 20, which is an important mineral for the human body
78. v__t desert *adj.* enormous in size, number, amount, or quantity
79. st____y young athletes *adj.* physically strong and not easily damaged
80. st____y situation *adj.* made of or covered with an adhesive substance; hot or warm and humid
81. st____y weather *adj.* made of or covered with an adhesive substance; hot or warm and humid
82. t__w relations between countries *v.* to become less rigid or hostile; to melt, soften, or become more friendly
83. a house with m_d cons *n.* a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers
84. take ex____ve care *adj.* greater than what seems necessary, normal, or desirable
85. have dis____us consequences *adj.* extremely bad, harmful, or unsuccessful
86. nu____nt medicine *n.* any substance that is essential for the maintenance and growth of living things
87. sheer li____ne cliffs *n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite

ANSWERS: 76. drastic, 77. calcium, 78. vast, 79. sturdy, 80. sticky, 81. sticky, 82. thaw, 83. mod, 84. excessive, 85. disastrous, 86. nutrient, 87. limestone

88. re__t against his way of thinking *v.* to take action in response to something
89. p__e a new path *v.* to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
90. co_____ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole
91. lon_____ing battery *adj.* existing or continuing for a long time
92. data ag_____te *n.* a collection or sum of different things often used to describe a total or combination of items
93. a hard and re_____nt steel *adj.* able to withstand or recover quickly from difficult conditions
94. mi_____e of emotions *n.* a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties
95. ro_____y speaking *adv.* approximately but not precisely; with a violent manner
96. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
97. victim of cat_____hic injuries *adj.* extremely harmful; causing physical or financial destruction
98. re_____e a prisoner *v.* to set free or allow to escape from confinement
99. pa_____le energy *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance

ANSWERS: 88. react, 89. pave, 90. construct, 91. long-lasting, 92. aggregate, 93. resilient, 94. mixture, 95. roughly, 96. eventually, 97. catastrophic, 98. release, 99. particle

100. curry po___r *n.* a dry and fine substance that consists of very small, loose particles
101. c__y animation *n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics
102. h__l a broken bone *v.* to make a wound or injury to become well again
103. co_____e electricity *v.* to spend something, especially fuel, energy, or time, in a large amount
104. pathogenic mic_____ism *n.* a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope
105. hi_____y system *n.* a main road, especially one connecting major towns or cities
106. a gr_____l change *adj.* happening slowly over a long period of time or distance; not steep or abrupt
107. less fo_____te person *adj.* having good luck or lucky
108. do_____t account *adj.* in a state of temporary inactivity, rest, or sleep; not growing or progressing but capable of doing so under the right circumstances
109. acid hy_____e *v.* to add water or moisture to something; to drink enough fluids to maintain proper moisture; (noun) any compound that contains water of crystallization
110. exp_____tal design *adj.* relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have

ANSWERS: 100. powder, 101. clay, 102. heal, 103. consume, 104. microorganism, 105. highway, 106. gradual, 107. fortunate, 108. dormant, 109. hydrate, 110. experimental

111. re_____e CO2 into the air *v.* to set free or allow to escape from confinement
112. fo_____te situation *adj.* having good luck or lucky
113. far_____ed idea *adj.* (of an idea or story) so exaggerated or ludicrous as to be very difficult to believe
114. a con_____ly innovative enterprise *adv.* all the time
115. vitamin and mi_____ls *n.* a solid inorganic substance occurring in nature having a definite chemical composition
116. v__t majority *adj.* enormous in size, number, amount, or quantity
117. even more unf_____ely *adv.* by bad luck; unluckily
118. alkaline ca_____te *n.* a carbonic acid salt or ester that contains the anion CO₃
119. an ex_____ve force *adj.* greater than what seems necessary, normal, or desirable
120. social rei_____ent *n.* the act of strengthening, supporting, or consolidating; something that serves to strengthen or support
121. cr_____l analyses *n.* a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica
122. bl__d milk and cream *v.* to mix or combine two or more substances

ANSWERS: 111. release, 112. fortunate, 113. far-fetched, 114. constantly, 115. mineral, 116. vast, 117. unfortunately, 118. carbonate, 119. excessive, 120. reinforcement, 121. crystal, 122. blend

123. re___e book *n.* a set of instructions for preparing a dish, including the ingredients and the method of cooking
124. emotional p__p *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
125. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
126. rec_____er my transfer *v.* to think about a decision or opinion again to
127. re_____nt population *adj.* able to withstand or recover quickly from difficult conditions
128. po___r additive *n.* a dry and fine substance that consists of very small, loose particles
129. distance g_p *n.* a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.
130. synthetic fi__r *n.* thread or filament used to make a vegetable tissue, mineral material, or textile
131. cr__k an eggshell *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
132. a con_____ly varying mind *adv.* all the time
133. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge

ANSWERS: 123. recipe, 124. prop, 125. experiment, 126. reconsider, 127. resilient, 128. powder, 129. gap, 130. fiber, 131. crack, 132. constantly, 133. experiment

134. go to the workplace by cy__e *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
135. mi_____es sterilizer *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
136. ex_____ve experience *adj.* covering a large area; having a wide range
137. co_____e steel drums *v.* to destroy or eat away slowly by chemical action; to gradually wear away, weaken, or disintegrate over time
138. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
139. the s__n of a bird's wings *n.* the entire length of something, such as time or space from beginning to end; the amount of space that something covers
140. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
141. far_____ed expressions *adj.* (of an idea or story) so exaggerated or ludicrous as to be very difficult to believe
142. an ag_____te of people *n.* a collection or sum of different things often used to describe a total or combination of items
143. t__w out a glacier *v.* to become less rigid or hostile; to melt, soften, or become more friendly

ANSWERS: 134. cycle, 135. microbe, 136. extensive, 137. corrode, 138. structure, 139. span, 140. environment, 141. far-fetched, 142. aggregate, 143. thaw

144. cat_____he risk management *n.* a sudden event that causes extreme ruin and misfortune
145. a stone wall su_____nds the palace *v.* to be all around something or somebody
146. hy_____de catalyst *n.* a chemical compound characterized by the presence of one or more hydroxyl groups (-OH), which can either act as a base or be neutralized by an acid to form a salt or water
147. ex_____t a security hole *v.* to make full use of and gain an advantage from resources, opportunities, etc.
148. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
149. an explosive su_____ce *n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
150. p__e a smoother road *v.* to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
151. the g_p between ideal and reality *n.* a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.
152. de___t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.

ANSWERS: 144. catastrophe, 145. surround, 146. hydroxide, 147. exploit, 148. discovery, 149. substance, 150. pave, 151. gap, 152. detect

153. m_d culture *n.* a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers
154. a glass t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
155. a large sw__h of territory *n.* a strip of land, especially a long, narrow one; a large amount or quantity of something
156. a fur s__l *v.* to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed
157. s__l a hole *v.* to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed
158. in_____te nature *adj.* not having life or spirit; not animate
159. charged pa_____le *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
160. a capillary t__e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

ANSWERS: 153. mod, 154. tube, 155. swath, 156. seal, 157. seal, 158. inanimate, 159. particle, 160. tube

161. the average life s__n *n.* the entire length of something, such as time or space from beginning to end; the amount of space that something covers
162. defense me_____sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
163. ion of ca_____m *n.* a chemical element with the symbol Ca and atomic number 20, which is an important mineral for the human body
164. co_____e pipes *v.* to destroy or eat away slowly by chemical action; to gradually wear away, weaken, or disintegrate over time
165. inc_____te the current trends *v.* to include something as a part of a larger entity
166. rec_____er the determination *v.* to think about a decision or opinion again to
167. s__d dunes *n.* finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
168. su_____ce abuse problem *n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
169. en_____er my health *v.* to put someone or something in a risky situation

ANSWERS: 161. span, 162. mechanism, 163. calcium, 164. corrode, 165. incorporate, 166. reconsider, 167. sand, 168. substance, 169. endanger

170. epoxy g__e *n.* a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials
171. co_____te examples *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
172. a te_____ue in martial arts *n.* a particular way or art of doing something that needs skill
173. ad_____ve tape *n.* a sticky substance used to hold things together
174. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
175. silver ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element
176. the cy__e of the seasons *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
177. ju___e exploration *n.* an area of tropical forest where in which trees and plants grow very thickly
178. have ex_____ve vocabulary *adj.* covering a large area; having a wide range
179. perfect mi_____e *n.* a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties
180. pr__e to diarrhea *adj.* inclined or likely to do something or to show a particular characteristic, especially something bad; lying face downward

ANSWERS: 170. glue, 171. concrete, 172. technique, 173. adhesive, 174. eventually, 175. oxide, 176. cycle, 177. jungle, 178. extensive, 179. mixture, 180. prone

181. li_____an extension *n.* the length of time for which a person, animal lives, or thing exists
182. combined ox___e *n.* a chemical compound that contains at least one oxygen atom and one other element
183. in_____e a feeling of curiosity *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
184. budget sh_____ge *n.* the process of becoming smaller or less in size or quantity; the amount by which something has shrunk, contracted, or diminished
185. rei_____ent of beliefs *n.* the act of strengthening, supporting, or consolidating; something that serves to strengthen or support
186. in_____te matter *adj.* not having life or spirit; not animate
187. a lon_____ing friendship *adj.* existing or continuing for a long time
188. natural he_____g ability *n.* the process of becoming or making somebody or something well again
189. ad_____ve ability *n.* a sticky substance used to hold things together
190. mic_____isms in his gut *n.* a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope
191. middle of the ju_____e *n.* an area of tropical forest where in which trees and plants grow very thickly
192. sky_____er apartment house *n.* a very tall building, typically one in a city

ANSWERS: 181. lifespan, 182. oxide, 183. inspire, 184. shrinkage, 185. reinforcement, 186. inanimate, 187. long-lasting, 188. healing, 189. adhesive, 190. microorganism, 191. jungle, 192. skyscraper

193. the stock market co_____sed *v.* to fall down or give way suddenly, often after breaking apart
194. in_____e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
195. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
196. su_____nd a town *v.* to be all around something or somebody
197. the me_____sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
198. co_____e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
199. absolutely dis_____us effect *adj.* extremely bad, harmful, or unsuccessful
200. ge_____te the idea *v.* to begin to grow or develop, typically as a seed sprouts
201. a gr_____l process *adj.* happening slowly over a long period of time or distance; not steep or abrupt
202. tr_____r inflation *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function

ANSWERS: 193. collapse, 194. inspire, 195. process, 196. surround, 197. mechanism, 198. consume, 199. disastrous, 200. germinate, 201. gradual, 202. trigger

203. magnetic st__l *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
204. inc_____te technology into daily life *v.* to include something as a part of a larger entity
205. a co_____te noun *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
206. do_____t volcano *adj.* in a state of temporary inactivity, rest, or sleep; not growing or progressing but capable of doing so under the right circumstances

ANSWERS: 203. steel, 204. incorporate, 205. concrete, 206. dormant

Session 3: Fill in the Blanks

1. They _____ the courtyard with bricks, giving it a more polished appearance.
v. to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
2. The exam was _____ tricky for everyone.
adv. in a way that causes amazement or wonder
3. It will take time for her mental scars to _____.
v. to make a wound or injury to become well again
4. Jockey's superior _____ brought him victory.
n. a particular way or art of doing something that needs skill
5. The passenger grabbed for the _____ mask.
n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
6. Generally speaking, men have a shorter _____ than women.
n. the length of time for which a person, animal lives, or thing exists
7. A peculiar _____ material coated the foliage.
adj. made of or covered with an adhesive substance; hot or warm and humid
8. The patient was prescribed a _____ supplement to help prevent osteoporosis.
n. a chemical element with the symbol Ca and atomic number 20, which is an important mineral for the human body

ANSWERS: 1. paved, 2. surprisingly, 3. heal, 4. technique, 5. oxygen, 6. lifespan, 7. sticky, 8. calcium

9. He was pretty _____ to pass the exam.

adj. having good luck or lucky

10. The incident attracted _____ media coverage throughout the world.

adj. covering a large area; having a wide range

11. 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

12. The food chain causes a material _____.

n. an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

13. Aluminum _____ is used in the treatment of stomach ulcers and heartburn.

n. a chemical compound characterized by the presence of one or more hydroxyl groups (-OH), which can either act as a base or be neutralized by an acid to form a salt or water

14. She used a _____ brush to apply her foundation evenly.

n. a dry and fine substance that consists of very small, loose particles

15. The _____ for the cake is passed down from generation to generation in her family.

n. a set of instructions for preparing a dish, including the ingredients and the method of cooking

16. The firm has grown into a large _____ manufacturing.

adj. relating to or connected with chemistry;

ANSWERS: 9. fortunate, 10. extensive, 11. structure, 12. cycle, 13. hydroxide, 14. powder, 15. recipe, 16. chemical

17. They are eager to _____ a positive reputation.
v. make fast as if with cement; (noun) a building material that is a powder made of a mixture of calcined limestone and clay, used with water, sand, and small stones to make concrete
18. The sun was beginning to _____ the frozen ground.
v. to become less rigid or hostile; to melt, soften, or become more friendly
19. The _____ object was not capable of movement or feeling.
adj. not having life or spirit; not animate
20. The sculptor carefully molded the _____ into the desired shape.
n. a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics
21. The incident _____ a political controversy.
v. to make something happen suddenly; to cause something such as a device, machine, etc. to function
22. This _____ is a producer of respiratory disease.
n. a very small living thing that may exist in its single-celled form or as a colony of cells and is too small to be seen without a microscope
23. Five miles is _____ similar to eight kilometers.
adv. approximately but not precisely; with a violent manner
24. _____ prevalent in hospitals are often resistant to antibiotics.
n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

ANSWERS: 17. cement, 18. thaw, 19. inanimate, 20. clay, 21. triggered, 22. microorganism, 23. roughly, 24. Bacteria

25. The extinction rate of aquatic animals was _____.
adj. extremely harmful; causing physical or financial destruction
26. The seeds _____ quickly in the warm soil.
v. to begin to grow or develop, typically as a seed sprouts
27. The Great Pyramid of Giza was built using blocks of _____.
n. a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite
28. The security camera has _____ four intruders.
v. to find or recognize something, especially something difficult to see, hear, etc.
29. She is a _____ person and has always bounced back from setbacks.
adj. able to withstand or recover quickly from difficult conditions
30. You'll need some solid _____ to repair that chair.
n. a sticky substance used to hold things together
31. The animal rights group worked to _____ the dolphins back into the wild.
v. to set free or allow to escape from confinement
32. He discovered unique _____ for photochemical reactions.
n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
33. We _____ our mining resources to strengthen our national power.
v. to make full use of and gain an advantage from resources, opportunities, etc.

ANSWERS: 25. catastrophic, 26. germinated, 27. limestone, 28. detected, 29. resilient, 30. adhesive, 31. release, 32. mechanisms, 33. exploit

34. He that would eat the kernel must _____ the nut.
v. to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
35. A _____ audience viewed the broadcast.
adj. enormous in size, number, amount, or quantity
36. 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
37. It would be best if you did not demand such an _____ charge.
adj. greater than what seems necessary, normal, or desirable
38. The _____ of the argument was well-presented.
n. the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
39. The unique style of this martial arts _____ many action film producers.
v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
40. Water was beginning to _____ into the basement after the heavy rain.
v. to flow or drip slowly and in small amounts; to happen or occur gradually or in small quantities
41. A smaller car will _____ less fuel.
v. to spend something, especially fuel, energy, or time, in a large amount

ANSWERS: 34. crack, 35. vast, 36. particles, 37. excessive, 38. substance, 39. inspired, 40. trickle, 41. consume

42. The saltwater can _____ metal over time if not properly maintained.
v. to destroy or eat away slowly by chemical action; to gradually wear away, weaken, or disintegrate over time
43. The _____ amount of money raised for the charity was over a million dollars.
n. a collection or sum of different things often used to describe a total or combination of items
44. They finally decided to solve the _____ problem.
adj. existing or continuing for a long time
45. The treatments were done but, _____ were unsuccessful.
adv. by bad luck; unluckily
46. The product is still in the _____ stage.
adj. relating to or based on new ideas, forms, methods, etc. that have not been tried before, usually to find out what effect they have
47. Certain types of _____ can be toxic to humans, causing severe illness if ingested.
n. a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
48. The _____ to the safe was a secret.
n. a collection of things that have been combined; an assemblage of separate parts or qualities
49. The mobile application industry is _____ changing.
adv. all the time

ANSWERS: 42. corrode, 43. aggregate, 44. long-lasting, 45. unfortunately, 46. experimental, 47. fungus, 48. combination, 49. constantly

50. She drank water to _____ her body.

- v.* to add water or moisture to something; to drink enough fluids to maintain proper moisture; (noun) any compound that contains water of crystallization

51. We must consume dietary _____ to maintain good health.

- n.* thread or filament used to make a vegetable tissue, mineral material, or textile

52. The global community is undergoing _____ changes at present.

- adj.* radical and extreme; likely to have a significant or far-reaching impact

53. He humbly _____ his conduct.

- v.* to think about a decision or opinion again to

54. Trees absorb _____ dioxide and give off oxygen.

- n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

55. Her research team made an important _____.

- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

56. The wall was strengthened with the _____ of heavy steel beams.

- n.* the act of strengthening, supporting, or consolidating; something that serves to strengthen or support

57. Inspectors noticed _____ cracks in the submarine's hull.

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

58. We will attempt to _____ some of your suggestions into our future strategy.

- v.* to include something as a part of a larger entity

ANSWERS: 50. hydrate, 51. fiber, 52. drastic, 53. reconsidered, 54. carbon, 55. discovery, 56. reinforcement, 57. microscopic, 58. incorporate

59. The _____ train was packed with commuters during rush hour.
n. a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
60. His _____ showed highly positive results.
n. the scientific test conducted to observe what happens and gain new knowledge
61. 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
62. The corporation _____ dominated the entire tobacco business.
adv. finally, particularly after a long time or a lot of struggle, complications, and so on
63. The toad altered its appearance to better _____ in with its new environments.
v. to mix or combine two or more substances
64. They used fast-acting _____ on the flowers in the flower beds.
n. any substance that is essential for the maintenance and growth of living things
65. Their actions _____ the lives of innocent people.
v. to put someone or something in a risky situation
66. The blood's red coloring comes from iron _____.
n. a chemical compound that contains at least one oxygen atom and one other element
67. The roof finally _____ after three days and three nights of heavy snowfall.
v. to fall down or give way suddenly, often after breaking apart

ANSWERS: 59. tube, 60. experiments, 61. reaction, 62. eventually, 63. blend, 64. nutrients, 65. endangered, 66. oxide, 67. collapsed

68. He _____ the letter with hot wax.

- v.* to close or fasten an envelope, etc. securely; (noun) a large marine mammal that chiefly lives in cold regions and comes on shore to breed

69. The disease can remain _____ for years before it presents any symptoms.

- adj.* in a state of temporary inactivity, rest, or sleep; not growing or progressing but capable of doing so under the right circumstances

70. The paint was a _____ of different pigments to achieve the desired color.

- n.* a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties

71. The charity organization has helped to provide education to a vast _____ of the population.

- n.* a strip of land, especially a long, narrow one; a large amount or quantity of something

72. The explosive chemical reaction does not occur in all sodium _____.

- n.* a carbonic acid salt or ester that contains the anion CO_3

73. The emission of hazardous substances has _____ effects on the ecology of a region.

- adj.* extremely bad, harmful, or unsuccessful

74. I'm going to take the _____ to get to my destination faster.

- n.* a main road, especially one connecting major towns or cities

75. He _____ hypotheses that no mathematician has ever imagined before.

- v.* to build or create something; to assemble or combine different parts to form something whole

ANSWERS: 68. sealed, 69. dormant, 70. mixture, 71. swath, 72. carbonate, 73. disastrous, 74. highway, 75. constructs

76. The _____ on the beach was warm and golden.

- n.* finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action

77. Though his plan sounded _____ at first, he realized it anyway.

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

78. The lack of funds has resulted in a _____ for our university system.

- n.* a sudden event that causes extreme ruin and misfortune

79. How did he _____ to your idea?

- v.* to take action in response to something

80. 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

81. The welder used _____ techniques to fuse the metal pieces without using filler material.

- adj.* self-generated or originating from within the same organism or system

82. The kitchen knife had a _____ edge, making cutting through the tough steak difficult.

- adj.* rough or uneven in texture; lacking refinement or sensitivity in behavior, speech, or manners

83. The robust economy of the country is based on its _____ resources.

- n.* a solid inorganic substance occurring in nature having a definite chemical composition

ANSWERS: 76. sand, 77. far-fetched, 78. catastrophe, 79. react, 80. prop, 81. autogenous, 82. coarse, 83. mineral

84. The carpenter applied _____ to the cabinet joints before nailing them together.
n. a sticky substance used for joining things together; a bonding agent made from animal or synthetic materials
85. This bridge is the third largest _____ bridge in the world.
n. a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
86. The country experienced a _____ increase in population.
adj. happening slowly over a long period of time or distance; not steep or abrupt
87. The vehicle is _____ enough to handle rough terrain.
adj. physically strong and not easily damaged
88. Each ancient tribe has its _____ traditions.
n. the process of becoming or making somebody or something well again
89. The ____ for the video game added new features and improved gameplay.
n. a modification or alteration, typically one made to improve something or increase its functionality; a British teenager or young adult in the 1960s, noted for their clothes consciousness and opposition to the rockers
90. _____ thrive on the surface of the human skin.
n. a tiny living thing that can only be seen with a microscope and that may cause disease
91. The president asked for a more _____ plan.
adj. existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement

ANSWERS: 84. glue, 85. steel, 86. gradual, 87. sturdy, 88. healing, 89. mod, 90. Microbes, 91. concrete

92. He slightly modified the _____ of training because it was just before a match.
- n.* the entire length of something, such as time or space from beginning to end; the amount of space that something covers
93. The 50-floor _____ loomed over the city, dwarfing the other buildings.
- n.* a very tall building, typically one in a city
94. A vast _____ chandelier glittered brightly above us.
- n.* a solid material with many even sides that is formed naturally when the substance becomes solid and has a highly regular atomic structure; clear and colorless glass made of almost pure silica
95. She _____ a quick picture of the beautiful sunset before it disappeared.
- v.* to record on photographic film; to make a sudden, sharp sound; (noun) the act of catching an object with the hands
96. This village is still in a dense _____.
- n.* an area of tropical forest where in which trees and plants grow very thickly
97. The _____ in the wool sweater was caused by washing it in hot water.
- n.* the process of becoming smaller or less in size or quantity; the amount by which something has shrunk, contracted, or diminished
98. Bacteria and some algae also produce _____ as a means of survival and dispersal, and they are often found in soil, water, and other environments.
- n.* a reproductive cell that is capable of developing into a new individual without fertilization, especially one produced by certain bacteria, fungi, and algae
99. 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

ANSWERS: 92. span, 93. skyscraper, 94. crystal, 95. snapped, 96. jungle, 97. shrinkage, 98. spores, 99. process

100. 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

101. Many people are working together to close the gender ____.

n. a conspicuous disparity or difference separates something such as a figure, people, their opinions, situation, etc.

102. On three sides, mountains _____ the settlement.

v. to be all around something or somebody

103. He was _____ to making rash decisions.

adj. inclined or likely to do something or to show a particular characteristic, especially something bad; lying face downward

ANSWERS: 100. environment, 101. gap, 102. surround, 103. prone