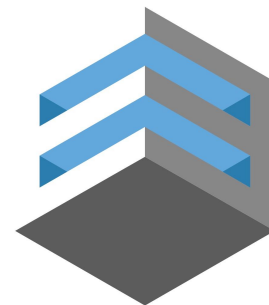


Englist.me



Vocabulary Builder Reference from...

David Andrew Quist: Could fungi actually be the key to humanity's survival? | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

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.

embarrass

v. to cause someone to feel awkward, worried, or ashamed

synonym: disconcert, unsettle, agitate

(1) **embarrass** political enemy, (2) **embarrass** my project

He looked for an opportunity to **embarrass** that actor in public.

decide

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

synonym: choose, determine, settle

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

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

impressive

adj. arousing admiration due to size, quality, or skill

synonym: impactful, remarkable, exceptional

(1) **impressive** performances, (2) an **impressive** array of facts

The budget reduction was an **impressive** feat for our nation.

explore

v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

synonym: analyze, delve into, examine

(1) **explore** the world, (2) **explore** our options

The management must **explore** strategies to increase office security.

fuzzy

adj. having a soft and indistinct outline or covered with fine, soft, and hairlike fibers

synonym: hazy, blurry, indistinct

(1) **fuzzy** logic, (2) **fuzzy** memory

The picture was **fuzzy** because it was taken with an old camera.

fridge

n. a piece of electrical equipment in which food can be stored at low temperatures so that it stays fresh

synonym: refrigerator

(1) **fridge** magnet, (2) fill the **fridge**

She left the **fridge** door open inadvertently.

itch

v. to have an uncomfortable feeling on the skin that makes you want to scratch it

synonym: scratch, tingle, irritate

(1) **itch** constantly, (2) **itch** to speak

I can't stop **itching** my arm because of the mosquito bite.

pants

n. an item of clothing that covers the lower part of the body and each leg separately, typically with a waistband and two legs

synonym: trousers, breeches, slacks

(1) woolly **pants**, (2) pajama **pants**

I always wear **pants** when I go outside, even in the summer.

tight

adj. fixed, fastened, or kept together firmly or closely

synonym: closed, secured, cramped

(1) a **tight** game, (2) student on a **tight** budget

The national election was held amid **tight** security.

decay

n. the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi;
(verb) to rot or decompose through natural causes

synonym: corrosion, decomposition, deterioration

(1) radioactive **decay**, (2) prevent tooth **decay**

The dead body was in an advanced state of **decay**.

misunderstand

v. to interpret or understand something in the wrong way

synonym: misinterpret, misperceive, misapprehend

(1) **misunderstand** each other, (2) **misunderstand** entirely about her

You should not **misunderstand** the meaning of freedom.

creature

n. a living being, especially an animal

synonym: being, animal, organism

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

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

appreciate

v. to value and acknowledge the worth of someone or something; to be grateful for something or someone

synonym: acknowledge, admire, enjoy

(1) **appreciate** her feedback, (2) **appreciate** the value

We would **appreciate** an early reply.

inspiration

n. something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity

synonym:

motivation, drive, encouragement

(1) source of **inspiration**, (2) get **inspiration** from nature
He found **inspiration** in the works of his favorite authors.

mold

n. a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

synonym: cavity, cast, mildew

(1) a casting **mold**, (2) **mold** allergy

Mushrooms and **mold** are fungi.

rot

v. to decay, or cause something to decay, naturally and gradually

synonym: perish, decay, corrode

(1) begin to **rot**, (2) **rot** with age

Please refrigerate the meat, or it will **rot**.

spoil

v. to ruin the taste, appearance, or quality of something; to become or cause something to become rotten or bad

synonym: rot, decay, deteriorate

(1) **spoil** a person's sport, (2) **spoil** the surprise

If you leave the milk out of the refrigerator for too long, it will **spoil**.

transformation

n. a complete change in form, nature, or appearance of someone or something

synonym: change, conversion, renewal

(1) the **transformation** of a tadpole into a frog, (2) cast a **transformation** spell

Understanding unitary **transformations** of a normal matrix require considerable mathematical sophistication.

renewal

n. the process of making something new or active again; the act of renewing a subscription, license, etc.

synonym: rejuvenation, revival, refreshment

(1) **renewal** process, (2) license **renewal**

The city is undergoing a **renewal** project that will transform the downtown area.

possibility

n. a chance that something may happen or be true

synonym: chance, prospect, likelihood

(1) **possibility** for growth, (2) **possibility** of a major earthquake

The **possibility** of getting the disease will drastically increase.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym: earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

transform

v. to change in outward structure or looks;

synonym: alter, convert, change

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

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

harmony

n. the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties

synonym: balance, accord, congruence

(1) a **harmony** of colors, (2) break a **harmony**

We worked in perfect **harmony**.

amazing

adj. extremely surprising, especially in a way that you like or admire

synonym: exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

mushroom

n. a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap

synonym: fungus, toadstool

(1) **mushroom** spores, (2) **mushroom** cultivation

The **mushroom** risotto was delicious, but I couldn't identify all the mushrooms in it.

awesome

adj. inspiring fear, admiration, or respect; very good, nice, fun, etc.

synonym: miraculous, marvelous, astounding

(1) **awesome** mental faculty, (2) have an **awesome** birthday

There is a lot of **awesome** nature and food in Hawaii.

evolution

n. a gradual process of transformation of living things

synonym: elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory

They study the **evolution** of the universe.

virtually

adv. almost completely

synonym: almost, basically, nearly

(1) **virtually** all countries, (2) **virtually** identical

Virtually all the parties signed the contract.

backstory

n. the history and events that occur before the main events of a story or the history and details of a person or thing that are not widely known

synonym: history, background, prehistory

(1) the **backstory** about this sweet moment, (2) **backstory** plot

The **backstory** of the main character added depth to the story.

rocky

adj. full of or abounding in rocks; of, relating to, or made of rock

synonym: stony, boulder-strewn, rough

(1) **rocky** terrain, (2) **rocky** relationship

The **rocky** road made it difficult to drive on.

desolate

adj. deserted, barren, or lonely; causing a feeling of sadness or hopelessness

synonym: barren, stark, uninhabited

(1) a **desolate** scene, (2) **desolate** moon

The deserted island was **desolate** and uninhabited.

algae

n. A simple plant that grows in or near water and lacks typical leaves and roots

(1) **algae** biofuel, (2) blue **algae**

Algae has jammed the inlet to the water turbine.

evolve

v. to develop gradually, or to cause the development of something or someone gradually

synonym: develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade

Eyeless fish **evolved** in dark caves.

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.

opportune

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

synonym: suitable, timely, practical

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

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

explode

v. to burst or break open violently and noisily; to cause something to burst or break open

synonym: detonate, blast, rupture

(1) **explode** in anger, (2) **explode** in popularity

The old building **exploded** in a fiery inferno.

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.

atmosphere

n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

synonym: air, ambiance, circumstances

(1) carbon dioxide in the **atmosphere**, (2) a convivial **atmosphere**

The spaceship began to burn up as it approached the Earth's **atmosphere**.

complexity

n. the state or quality of being complicated or intricate and difficult to understand

synonym: intricacy, sophistication, elaboration

(1) cognitive **complexity**, (2) **complexity** theory

The project's **complexity** made it difficult for the team to complete it on time.

life-form

n. a living organism, especially one that has a distinct shape, structure, or behavior

synonym: organism, species, living organism

(1) **life-form** discovery, (2) a minute **life-form**

Scientists are searching for signs of **life-form** on other planets.

strategy

n. a detailed plan of action designed to achieve a long-term or overall goal.

synonym: approach, procedure, scenario

(1) military **strategy**, (2) develop a **strategy**

Our plan includes a comprehensive marketing **strategy**.

adaptive

adj. capable of adjusting to new situations or changing conditions

synonym: flexible, adjustable, pliant

(1) the **adaptive** coloring, (2) **adaptive** technology

The **adaptive** learning system adjusts the difficulty level of the lessons based on the student's performance.

diverse

adj. including numerous categories of individuals or entities; various

synonym: manifold, various, myriad

(1) **diverse** backgrounds, (2) a person of **diverse** talents

New York is a city with a **diverse** ethnic population.

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.

survive

v. to live or exist despite a dangerous event or period

synonym: endure, persist, stay

(1) **survive** a blizzard, (2) **survive** a plane crash

These birds can only **survive** in temperate climates.

climate

n. the weather in a particular location averaged over some long period

synonym: atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change

Climate and weather have an impact on every part of our lifestyles.

mass

n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

synonym: abundance, crowd, mob

(1) a **mass** of molten rock, (2) critical **mass**

The **mass** of people who do not own property is politically impotent.

extinction

n. the complete disappearance of a species from the earth

synonym: disappearance, eradication, annihilation

(1) **extinction** prevention, (2) brink of **extinction**

The **extinction** of the dinosaurs is thought to have been caused by an asteroid impact.

dinosaur

n. a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

synonym: reptile, beast, monster

(1) hulking **dinosaur**, (2) **dinosaur** fossil

The discovery of a new **dinosaur** species made headlines in the scientific community.

extinct

adj. no longer in existence

synonym: dead, obsolete, abolished

(1) **extinct** by human activity, (2) long- **extinct** volcano

Many species have become **extinct** due to habitat destruction and other human activities.

trilobite

n. a type of extinct arthropod that lived in the oceans of the Paleozoic Era, characterized by a three-lobed body shape and a hard exoskeleton

synonym: fossil, arthropod, ancient creature

(1) an intact **trilobite**, (2) **trilobite** specimen

The fossilized **trilobite** was over 500 million years old.

countless

adj. too numerous to be counted or very many

synonym: innumerable, myriad, numerous

(1) **countless** hours, (2) answer **countless** questions

There are **countless** methods for dealing with stress.

persist

v. to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable

synonym:

endure, continue, carry on

(1) **persist** over time, (2) **persist** in success

Consult your doctor if the symptoms **persist**.

thrive

v. to grow vigorously; to make steady progress

synonym: bloom, flourish, prosper

(1) **thrive** in a society, (2) **thrive** on pressure

Without investment, a business cannot **thrive**.

endear

v. to make someone loved or appreciated or to cause someone to feel fondness or affection for someone or something

synonym: fondle, cherish, love

(1) **endear** a character to young readers, (2) **endear** to everyone

The baby's smile **endeared** her to everyone who saw her.

survival

n. the state of continuing to exist or live, frequently in the face of difficulty or danger

synonym: endurance, continuity

(1) **survival** ability, (2) **survival** food

He evaluated his chances for **survival** rather pessimistically.

grunge

n. the state of being covered with dirty things; a type of rock music characterized by heavy use of electric guitar, bass, and drums, and often a bleak or rebellious attitude

synonym: dirt, grime, filth

(1) **grunge** wardrobe, (2) **grunge** music

The **grunge** fashion style became popular in the early 1990s.

awful

adj. causing fear, dread, or terror; very bad or unpleasant

synonym: terrible, appalling, horrible

(1) an **awful** error, (2) do **awful** damage

I regretted making an **awful** mistake in my final exam.

anyhow

adv. anyway; regardless of what has happened or been said

synonym: anyway, nonetheless

(1) **anyhow** possible, (2) **anyhow** it turns out

Anyhow, let's change the subject because I don't want to talk about this anymore.

pickup

n. a type of vehicle with an open-air cargo bed at the back used for transporting goods or equipment; the act of collecting or gathering someone or something from a particular location; a warrant to take someone into custody

synonym: truck, cartridge

(1) **pickup** truck, (2) **pickup** and delivery service

I'll be waiting for you in front of the café at 6 PM, so be on time for our **pickup**.

mecca

n. a city and administrative center of the Mecca Province of Saudi Arabia and the holiest city in Islam

synonym: cynosure, center

(1) tourist **mecca**, (2) **mecca** for surfers

The building has become a **mecca** for fans of the movie.

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.

talent

n. a natural ability to be good at something; someone who has a natural ability to be good at something

synonym: endowment, aptitude, capability

(1) a person of diverse **talents**, (2) raw **talent**

Numerous great professional sports **talents** have come from this city.

nirvana

n. a state of perfect happiness, peace, and enlightenment in Hinduism and Buddhism

synonym: paradise, heaven, bliss

(1) **nirvana** state, (2) spiritual **nirvana**

He finally achieved **nirvana** after many years of meditation and spiritual practice.

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.

splendor

n. great brightness; brilliant or stunning appearance; magnificence

synonym: brightness, magnificence, grandeur

(1) **splendor** of nature, (2) **splendor** of art

The **splendor** of the palace was breathtaking.

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.

bizarre

adj. very strange or unusual

synonym: abnormal, freaky, outlandish

(1) the story is **bizarre**, (2) **bizarre** behavior

The truth was more **bizarre** than expected.

gut

n. the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant

synonym: belly, abdomen, courage

(1) the blind **gut**, (2) **gut** feelings

He told me a **gut-wrenching** truth about my parent's death.

breath

n. the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs

synonym: air, puff, whiff

(1) hold your **breath**, (2) **breath** of wind

He bated his **breath** when talking about this affair.

inhale

v. to breathe in air or a different substance, such as smoke

synonym: breathe in, take in, draw in

(1) **inhale** the smoke, (2) **inhale** the aroma

He **inhaled** deeply, trying to calm down.

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.

trample

v. to step heavily on something or someone, causing damage or injury

synonym: tread, stomp, crush

(1) **trample** down his feelings, (2) **trample** on the rights

The plants in this garden are precious, so you must not **trample** them.

beneath

adv. in or to a lower place than someone or something

synonym: down, under, low

(1) the ground **beneath** my feet, (2) **beneath** contempt

A great stretch of the lake lay **beneath** them.

soil

n. the top layer of Earth in which plants grow

synonym: earth, ground, mud

(1) **soils** retentive of moisture, (2) parched **soil**

Soil moisture is another significant component controlling soil respiration.

ubiquitous

adj. being or existing everywhere at once

synonym: universal, omnipresent, everywhere

(1) **ubiquitous** computing, (2) **ubiquitous** across ecosystems

Sugar is **ubiquitous** in food.

dispose

v. to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away

synonym: get rid of, arrange, set

(1) **dispose** battleships for a battle, (2) **dispose** of a used product

Generally speaking, the child is innately **disposed** to learn a language.

massive

adj. enormous amount; very heavy and solid

synonym: enormous, giant, immense

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

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

biodiversity

n. the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment

(1) **biodiversity** conservation, (2) loss of **biodiversity**

The country was instrumental in promoting the **biodiversity** treaty.

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.

metaphor

n. a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity

synonym: conceit, analogy, symbol

(1) **metaphor** for death, (2) visual **metaphor**

She expressed her thought in an artful choice of **metaphors**.

intelligent

adj. having the capacity for thought and reason, especially to a high degree

synonym: brilliant, clever, competent

(1) an **intelligent** person, (2) **intelligent** assisting system

Intelligent robots that can cooperate with humans have limited motor output for safety.

efficiency

n. the state or quality of doing something well with no waste of input such as time or money

synonym: effectiveness, efficacy, productivity

(1) better fuel **efficiency**, (2) an energy **efficiency**

Our company must continue to strive for greater **efficiency**.

spatial

adj. of or relating space and the position, area, and size of things

synonym: dimensional, geographical

(1) **spatial** ability, (2) **spatial** distribution

He carefully determined the **spatial** relations of every piece of the stage set.

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.

engineer

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

synonym: architect, creator, builder

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

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

transport

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

synonym: shipment, transit, conveyance

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

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

oatmeal

n. a type of cereal made from oats that have been ground or steel-cut

synonym: porridge, grits, meal

(1) **oatmeal** cookies, (2) **oatmeal** breakfast

I love starting my day with a bowl of warm **oatmeal** and fresh fruit.

petri

n. (petri dish) a small, clear, and round dish with a lid used in laboratories, especially for growing bacteria

(1) **petri** dish test, (2) bacteria on **petri** dishes

Glass **petri** dishes are used to culture microorganisms.

corresponding

adj. similar to, connected with, or accompanying something, especially in position or purpose

synonym: matching, equivalent, analogous

(1) find a **corresponding** lack, (2) the **corresponding** word in Spanish

The **corresponding** number on the dial was 3.

metropolitan

adj. of or relating to a large city or a city that is considered to be the cultural or economic center of a region or country

synonym: urban, city, municipal

(1) major **metropolitan** area, (2) **metropolitan** city

The city is a true **metropolitan**, with a diverse population and

bustling streets.

introductory

adj. intended as an introduction or preliminary; serving as a base or starting point

synonym: beginning, preliminary, initial

(1) **introductory** biology text, (2) product **introductory** sale

The **introductory** class was designed to give students a basic understanding of the subject.

slime

n. a thick, slippery substance that is usually soft and wet

synonym: muck, ooze, gunk

(1) **slime** bacteria, (2) **slime** mold

The kids loved playing with the green **slime**, but it was a nightmare to clean up.

optimize

v. to make the best or most effective use of something

synonym: advance, amend, improve

(1) **optimize** a process, (2) **optimize** control for cooling

The essence of economics is to **optimize** the allocation of limited resources.

represent

v. to speak, act, or be present on behalf of another person or group; to form or constitute

synonym: depict, express, describe

(1) **represent** by a diagram, (2) the characters that **represent** numbers

We elected him to **represent** us at the international conference.

recreate

v. to make something that existed previously happen or appear to exist again

synonym: renovate, vivify, revive

(1) **recreate** a single country, (2) **recreate** the feeling of the 1920s

She **recreated** the atmosphere of the pre-war age with her stage setting.

largely

adv. virtually entirely; to a large degree

synonym: mainly, chiefly, broadly

(1) **largely** accepted, (2) **largely** mitigate the issue
Nevada is **largely** a desert state.

railway

n. a transportation system consisting of tracks and trains, usually used for the transportation of goods or passengers over long distances

synonym: train line, rail line, track

(1) a private **railway**, (2) **railway** station

The **railway** system connects cities and countries, making travel more convenient.

brain

n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

synonym: intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage
X-rays revealed a small tumor in his **brain**.

instruction

n. detailed direction, order, etc., on how to do or use something

synonym: education, direction, guidance

(1) individual **instruction**, (2) follow his **instructions**

They needed further **instruction** to perform their duties efficiently.

guidance

n. advice or instructions given to help direct someone's behavior or decision-making

synonym: advice, direction, support

(1) vocational **guidance**, (2) **guidance** counselor

The mentor provided **guidance** to the young entrepreneur, helping her navigate the business world.

convinced

adj. completely certain about something; having a strong belief or conviction in a particular religion

synonym: confident, positive, indoctrinated

(1) **convinced** of the idea, (2) **convinced** criminal

The public is **convinced** that the prime minister has committed fraud.

practical

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

synonym: applicable, functional, realistic

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

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

imaginative

adj. having or showing new and creative ideas

synonym: creative, innovative, inventive

(1) capable of **imaginative** creation, (2) **imaginative** as a child

She is a hard worker but not very **imaginative**.

collaborate

v. to work with someone else to produce or achieve something

synonym: cooperate, unite, get together

(1) **collaborate** with the police, (2) **collaborate** on a press release

She agreed to **collaborate** with him in creating new artwork.

relation

n. the way two persons or groups of people feel and act toward one another

synonym: association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of inclusion

The industrial **relations** laws were passed with little to no alteration.

affair

n. event, situation, or subject that is significant from a political or public perspective; a secretive or illicit sexual relationship

synonym: matter, incident, fling

(1) current **affairs**, (2) domestic **affairs**

Some critics say this exhibition will be a big **affair**.

mycorrhiza

n. a mutually beneficial association between a fungus and the roots of a plant, in which the fungus helps the plant absorb water and nutrients, and the plant provides the fungus with sugars produced through photosynthesis

synonym: fungus, root, relationship

(1) **mycorrhiza** fungi, (2) orchid **mycorrhiza**

Some studies have shown that plants grown in soil with a high population of **mycorrhizal** fungi are more resistant to drought and disease.

association

n. a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship

synonym: affiliation, collaboration, society

(1) word **associations**, (2) a scholarship **association**

His membership in the **association** provided him with numerous benefits.

depict

v. to illustrate someone or something in a photograph

synonym: illustrate, describe, express

(1) **depict** a scene, (2) **depict** a feeling of isolation

His son had accurately **depicted** the bloom.

realistic

adj. having or showing a sensible and practical idea that is possible to achieve

synonym: practical, pragmatic, down-to-earth

(1) a **realistic** goal, (2) a **realistic** goal

That story was so **realistic**, and it was scary.

underground

adj. under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force

synonym: subterranean, subsurface, confidential

(1) water flowing **underground**, (2) **underground** activist

Having **underground** parking has been very beneficial throughout the winter.

ecosystem

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

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

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

filament

n. a thin wire or thread, especially one used to produce light in an electric bulb

synonym: fiber, thread, filament

(1) **filament** lamp, (2) carbon **filament**

The **filament** in the light bulb burned out, and now it's not working.

mycelium

n. the vegetative part of a fungus, consisting of a mass of branching, thread-like hyphae

(1) **mycelium** growth, (2) aerial **mycelium**

The **mycelium** of the mushroom spread through the soil, absorbing nutrients.

tap

v. to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.

synonym: knock, exploit, use

(1) **tap** a new market, (2) **tap** keyboard with an index finger

To expand the company, we must **tap** new human resources.

symbiosis

n. a close, prolonged association between two or more different species of organisms, typically to the advantage of all

synonym: cooperation, interdependence, mutualism

(1) industrial **symbiosis**, (2) **symbiosis** establishment

The **symbiosis** between the coral and the algae is an important example of mutualism.

thereby

adv. as a result; consequence of a particular action or set of conditions

synonym: thus, hence, as a result

(1) **thereby-obtained** data, (2) **thereby** improving overall health

The new software will streamline the workflow, **thereby** increasing productivity.

capture

v. to catch a person or an animal and confine them in an area which they cannot escape

synonym: catch, arrest, imprison

(1) **capture** a glimpse, (2) **capture** customers' hearts

I was able to **capture** the moment on film.

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.

photosynthesis

n. the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

(1) oxygenic **photosynthesis**, (2) process of **photosynthesis**

In **photosynthesis**, plants use carbon dioxide to feed themselves.

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.

mediate

v. to try to bring about an agreement or understanding between people who are in conflict

synonym: arbitrate, reconcile, intervene

(1) **mediate** allergic reaction, (2) **mediate** a negotiation

The teacher had to **mediate** a disagreement between two students over a stolen pencil.

communicate

v. to share or exchange information with others by speaking, writing, moving your body, or using other signals

synonym: convey, share, transmit

(1) **communicate** his anxieties to the psychiatrist,

(2) **communicate** well with my advisor

Dolphins use sound to **communicate** with each other.

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.

warn

v. to make someone aware of potential danger or difficulty, particularly one that may occur in the future

synonym: alert, caution, admonish

(1) **warn** a reckless driver, (2) **warned** me of the plan

I attempted to **warn** him, but he ignored me.

pest

n. a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome

synonym: nuisance, problem, annoyance

(1) **pest** control, (2) a **pest** of bean plants

The gardener used natural methods to keep **pests** away from her plants.

regenerative

adj. tending to regrow or restore lost or injured tissue

synonym: rejuvenating, restorative, healing

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

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

decompose

v. to break down or cause to break down over time into simpler substances or elements

synonym: break down, rot, spoil

(1) **decompose** matter, (2) **decompose** into simpler molecules

After the earthquake, many of the buildings in the city were left in ruins and began to **decompose**.

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**.

anew

adv. in a new or different way

synonym: again, once more, fresh

(1) arm **anew**, (2) review **anew**

He decided to start **anew** and leave his old life behind.

concept

n. an idea or principle associated with something abstract

synonym: idea, notion, vision

(1) learn new **concepts**, (2) **concept** car

One such rapidly growing **concept** is quantum cryptography.

circular

adj. shaped like a circle; having a round form

synonym: round, loopy, oblique

(1) **circular** economy, (2) non- **circular** orbit

The **circular** shape of the planet makes it difficult to determine which direction is north.

decomposition

n. the process of breaking down organic matter into simpler substances through natural processes such as decay

synonym: decay, putrefaction, corruption

(1) **decomposition** process, (2) chemical **decomposition**

The **decomposition** of organic matter releases nutrients back into the soil.

bury

v. to place a dead body in the ground, grave, or tomb

synonym: entomb, sink, forget

(1) **bury** in the earth, (2) **bury** emotion

There is plenty of space to **bury** everyone.

crappy

adj. of poor quality; not satisfactory

synonym: poor, unsatisfactory, inferior

(1) **crappy** service, (2) **crappy** Spanish

The food at the restaurant was **crappy** and overpriced.

fermentation

n. the chemical breakdown of a substance by bacteria, yeasts, or other microorganisms, typically involving effervescence and the giving off of the heat

synonym: brewing, culturing, pickling

(1) oxidative **fermentation**, (2) **fermentation** tank

The process of **fermentation** is used to make beer, wine, and many other products.

reimagine

v. to imagine or conceive of something in a new or different way

synonym: re-conceptualize, re-envision, re-create

(1) **reimagine** the future, (2) **reimagine** the possibilities

The company is trying to **reimagine** its business model to stay competitive.

sustainable

adj. able to continue or be continued for a long time

synonym: continuable, enduring, tolerable

(1) **sustainable** alternative fuel, (2) principles of **sustainable** development

The government should do more to support environmentally **sustainable** agriculture.

biomaterial

n. a substance, usually synthetic, that is used for medical or veterinary purposes and is designed to mimic or replace biological tissues

(1) **biomaterial** development, (2) **biomaterials** industry

The new **biomaterials** used in implants are more durable and less likely to cause an immune response.

agriculture

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

synonym: farming, husbandry, agribusiness

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

Agriculture is the foundation of our economy.

residue

n. a substance that remains after a process or reaction; a remnant of something that once existed

synonym: remnants, leftover, debris

(1) **residue** after evaporation, (2) chemical **residue**

There was a **residue** of soap in the bottle that wouldn't come out.

replace

v. to take the place of something

synonym: substitute, supersede, displace

(1) **replace** one word with another, (2) **replace** a phone

Eventually, the new design will **replace** all older models.

landfill

n. a site for the disposal of waste materials

synonym: dump, trash-yard, waste-yard

(1) disposal in a **landfill**, (2) **landfill** sites

This country faces problems in finding enough suitable **landfill** sites.

pollution

n. the introduction of harmful substances or waste into the natural environment that causes adverse change

synonym: corrosion, deterioration, corruption

(1) environmental **pollution**, (2) high levels of air **pollution**

The **pollution** is endangering the local plants and animals.

soundproof

- v.* to make a room or other enclosed space impervious to sound by reducing the transmission of sound through its walls or floor and ceiling; (adjective, of a building) not allowing sound to pass through it

synonym: insulate, muffle, dampen

- (1) **soundproof** room, (2) **soundproof** material

The walls of the recording studio were **soundproofed** to eliminate outside noise.

panel

- n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something

synonym: board, commission, discussion

- (1) **panel** discussion, (2) cost of solar **panels**

A **panel** of economic advisers from the United States visited the country to help rebuild its economy.

insulation

- n.* the act or process of covering something to stop heat, sound, electricity, etc. from passing through; the materials used for this

synonym: cushioning, covering, nonconductor

- (1) additional sound **insulation**, (2) **insulation** board

He installed fiberglass **insulation** in the wall.

endless

- adj.* having no end or conclusion; infinitely very large in size or amount

synonym: infinite, ceaseless, boundless

- (1) **endless** possibilities, (2) **endless** hours

He looked out the window at the **endless** stream of people.

textile

- n.* any type of cloth made by weaving or felting or knitting

synonym: cloth, material, fabric

- (1) **textile** production, (2) tissue **textiles**

China's **textile** industry has developed rapidly with the input of foreign capital.

leather

n. a material made from the skin of an animal, typically by tanning, and used for clothing, shoes, furniture, and other items

synonym: hide, skin, suede

(1) enameled **leather**, (2) **leather** boots

The **leather** jacket was worn in but still comfortable.

cow

n. a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat

synonym: bovine, cattle, kine

(1) **cow** herd, (2) dairy **cow**

The farmer milked the **cows** every morning before breakfast.

involve

v. to include or affect someone or something as a necessary part of something else

synonym: implicate, include, engage

(1) **involve** a lot of paperwork, (2) **involve** a high degree of risk

The investigation **involves** several government agencies and is expected to take several months.

ethics

n. a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong

synonym: morals, principles, moralities

(1) political **ethics**, (2) **ethics** of journalism

This scripture provides the code of **ethics** for the religion.

delicious

adj. exceptionally pleasing to taste or smell

synonym: appetizing, mouthwatering, delectable

(1) **delicious** breeze, (2) variety of **delicious** foods

We could grill the meat in a **delicious** way.

replacement

n. the act of replacing something with something else, especially that is newer or better; a person or thing that takes or can take the place of another

synonym: alternate, substitute, backup

(1) regular **replacement** of tires, (2) **replacement** cost

We demand his **replacement**.

dairy

n. a room, building, or establishment where milk and milk products are produced and processed; milk and milk products, such as butter and cheese

synonym: creamery, farm

(1) low-fat **dairy**, (2) imported **dairy** product

The **dairy** industry is a significant contributor to the economy.

unlimited

adj. without any limits or restrictions

synonym: unrestricted, boundless, limitless

(1) **unlimited** liability, (2) **unlimited** resources

An **unlimited** data plan is a popular option for heavy internet users.

fraction

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

synonym: piece, part, fragment

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

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

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**.

footprint

n. a mark of a foot, shoe, or animal's foot left on a surface

synonym: footmark, imprint, impression

(1) **footprints** in the snow, (2) the **footprints** of an earlier civilization

We choose transportation that has a smaller carbon **footprint**.

replicate

v. to make an exact copy of something; to repeat a process or experiment to confirm the results

synonym: duplicate, imitate, reproduce

(1) **replicate** the cell, (2) **replicate** data

The experiment was **replicated** several times to ensure accuracy.

quantity

n. the amount or number of something; magnitude

synonym: abundance, portion, amount

(1) half **quantity**, (2) residual **quantity**

In southward, the average annual water **quantity** increases.

salmon

n. a type of fish that is commonly found in the North Atlantic and North Pacific oceans

synonym: fish, trout, salmonid

(1) **salmon** fishery, (2) **salmon** migration

Grilled **salmon** is a popular dish at summer barbecues.

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.

primarily

adv. mainly

synonym: largely, mainly, mostly

(1) intended **primarily** for young people, (2) **primarily** affect adults

All peaceful cooperation is based **primarily** on mutual trust.

soy

n. a legume plant that is widely cultivated for its edible bean, which has many uses, such as for oil, food, and animal feed

(1) **soy** allergy, (2) **soy** milk

Many people use **soy** sauce for sushi, stir-fries, and

marinades.

contribute

v. to give something, especially money or goods, to provide or achieve something together with other people

synonym: donate, devote, commit

(1) **contribute** a large sum of money to the fund,

(2) **contribute** to society

Government workers cannot **contribute** to political campaigns.

overfishing

n. the removal of too many fish from a body of water, causing a decline in population levels and harm to the ecosystem

synonym: overharvesting, over-exploitation, depletion

(1) **overfishing** crisis, (2) **overfishing** ban

The ocean's ecosystem is being threatened by **overfishing**, causing many species to become endangered.

degrade

v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

synonym: demean, disgrace, impair

(1) **degrade** his public image, (2) **degrade** environmental quality

You should not **degrade** yourself by allowing them to use you.

byproduct

n. a secondary or incidental product produced in the manufacture or synthesis of something else

synonym: side effect, spinoff, outgrowth

(1) toxic **byproducts**, (2) **byproduct** of technology

The **byproduct** of the energy production process is a large amount of carbon dioxide emissions.

industrious

adj. hardworking, diligent, and persistent in effort

synonym: diligent, hardworking, assiduous

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

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

dare

v. to have the courage to do something

synonym: challenge, risk, attempt

(1) **dare** not go, (2) **dare** to take risks

I wouldn't **dare** to speak to him like that.

self-sufficient

adj. able to provide for one's own needs without assistance from others

synonym: independent, self-reliant, self-sustaining

(1) **self-sufficient** economy, (2) **self-sufficient** renewable energy

He was determined to become **self-sufficient** and not rely on anyone else.

diversity

n. the quality or fact of many different types of things or people being included in something; a range of different things or people

synonym: variety, multiplicity, variousness

(1) the **diversity** policy of the university, (2) lingual **diversity**

He was impressed by the range and **diversity** of the collection.

uncover

v. to remove the cover from something; to discover something previously unseen or hidden

synonym: disclose, reveal, unveil

(1) **uncover** a potential problem, (2) **uncover** the truth

He continued his investigation and soon **uncovered** another crime.

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**.

scratch

v. to cut or damage the surface of something or the skin with a sharp or pointed object

synonym: claw, rub, scrape

(1) **scratch** off a name, (2) **scratch** my signature

Don't **scratch** your mosquito bites.

transfer

v. to move, pass, or change from one person, place, or situation to another

synonym: move, relocate, shift

(1) **transfer** a file, (2) **transfer** power

She **transferred** the money from her savings account to her checking account.

mindset

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

synonym: attitude, ethos, mentality

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

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

intelligence

n. the ability to learn, comprehend, or make judgments or conclusions based on reasons

synonym: brains, brightness, cleverness

(1) an **intelligence** test, (2) field of artificial **intelligence**

In terms of **intelligence**, he was head and shoulders above his classmates.

Session 2: Spelling

- | | |
|----------------------------|---|
| 1. an aw__l error | <i>adj.</i> causing fear, dread, or terror; very bad or unpleasant |
| 2. app_____te the value | <i>v.</i> to value and acknowledge the worth of someone or something; to be grateful for something or someone |
| 3. s_y allergy | <i>n.</i> a legume plant that is widely cultivated for its edible bean, which has many uses, such as for oil, food, and animal feed |
| 4. r_b a glass window | <i>v.</i> to move one's hand or an object over the surface of something with pressure |
| 5. re_____te data | <i>v.</i> to make an exact copy of something; to repeat a process or experiment to confirm the results |
| 6. sp_____l ability | <i>adj.</i> of or relating space and the position, area, and size of things |
| 7. permanent br__n damage | <i>n.</i> the organ inside the head that is responsible for one's movement, thought, memory, and feeling |
| 8. app_____te her feedback | <i>v.</i> to value and acknowledge the worth of someone or something; to be grateful for something or someone |
| 9. co_____t car | <i>n.</i> an idea or principle associated with something abstract |
| 10. un_____ed liability | <i>adj.</i> without any limits or restrictions |
| 11. br___h of wind | <i>n.</i> the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs |

ANSWERS: 1. awful, 2. appreciate, 3. soy, 4. rub, 5. replicate, 6. spatial, 7. brain, 8. appreciate, 9. concept, 10. unlimited, 11. breath

- | | |
|--------------------------------------|--|
| 12. re_____e a phone | <i>v.</i> to take the place of something |
| 13. do aw__l damage | <i>adj.</i> causing fear, dread, or terror; very bad or unpleasant |
| 14. met_____tan city | <i>adj.</i> of or relating to a large city or a city that is considered to be the cultural or economic center of a region or country |
| 15. learn new co_____ts | <i>n.</i> an idea or principle associated with something abstract |
| 16. prevent tooth de__y | <i>n.</i> the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes |
| 17. student on a ti__t budget | <i>adj.</i> fixed, fastened, or kept together firmly or closely |
| 18. ev___e over the past decade | <i>v.</i> to develop gradually, or to cause the development of something or someone gradually |
| 19. political et___s | <i>n.</i> a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong |
| 20. pe__i dish test | <i>n.</i> (petri dish) a small, clear, and round dish with a lid used in laboratories, especially for growing bacteria |
| 21. pos_____ty of a major earthquake | <i>n.</i> a chance that something may happen or be true |
| 22. loss of bio_____ity | <i>n.</i> the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment |

ANSWERS: 12. replace, 13. awful, 14. metropolitan, 15. concept, 16. decay, 17. tight, 18. evolve, 19. ethics, 20. petri, 21. possibility, 22. biodiversity

- | | |
|---------------------------------|---|
| 23. chaotic env_____nt | <i>n.</i> the natural world such as air, water, and land in which humans, animals, and plants live |
| 24. major met_____tan area | <i>adj.</i> of or relating to a large city or a city that is considered to be the cultural or economic center of a region or country |
| 25. a numerator in a fr_____on | <i>n.</i> a small part or item forming a piece of a whole; the quotient of two rational numbers |
| 26. de_____us breeze | <i>adj.</i> exceptionally pleasing to taste or smell |
| 27. de____t a scene | <i>v.</i> to illustrate someone or something in a photograph |
| 28. gain pr_____al experience | <i>adj.</i> of or connected with actual use or real situation rather than with theory and ideas |
| 29. toxic by_____cts | <i>n.</i> a secondary or incidental product produced in the manufacture or synthesis of something else |
| 30. bio_____ity conservation | <i>n.</i> the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment |
| 31. en_____s possibilities | <i>adj.</i> having no end or conclusion; infinitely very large in size or amount |
| 32. regular rep_____nt of tires | <i>n.</i> the act of replacing something with something else, especially that is newer or better; a person or thing that takes or can take the place of another |
| 33. break a ha_____y | <i>n.</i> the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties |

ANSWERS: 23. environment, 24. metropolitan, 25. fraction, 26. delicious, 27. depict, 28. practical, 29. byproduct, 30. biodiversity, 31. endless, 32. replacement, 33. harmony

34. re_____ne the future	<i>v.</i> to imagine or conceive of something in a new or different way
35. d__e to take risks	<i>v.</i> to have the courage to do something
36. vi_____ly all countries	<i>adv.</i> almost completely
37. carbon dioxide in the atm_____re	<i>n.</i> the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
38. non-ci_____ar orbit	<i>adj.</i> shaped like a circle; having a round form
39. re_____te the feeling of the 1920s	<i>v.</i> to make something that existed previously happen or appear to exist again
40. ro__y terrain	<i>adj.</i> full of or abounding in rocks; of, relating to, or made of rock
41. the ba_____ry about this sweet moment	<i>n.</i> the history and events that occur before the main events of a story or the history and details of a person or thing that are not widely known
42. la_____y mitigate the issue	<i>adv.</i> virtually entirely; to a large degree
43. the blind g_t	<i>n.</i> the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
44. capable of ima_____ve creation	<i>adj.</i> having or showing new and creative ideas
45. a casting m__d	<i>n.</i> a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

ANSWERS: 34. reimagine, 35. dare, 36. virtually, 37. atmosphere, 38. circular, 39. recreate, 40. rocky, 41. backstory, 42. largely, 43. gut, 44. imaginative, 45. mold

- | | | |
|----------------------------|-----------|---|
| 46. con_____te to society | <i>v.</i> | to give something, especially money or goods, to provide or achieve something together with other people |
| 47. me_____or for death | <i>n.</i> | a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity |
| 48. di_____ur fossil | <i>n.</i> | a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin |
| 49. sl___e mold | <i>n.</i> | a thick, slippery substance that is usually soft and wet |
| 50. a m___s of molten rock | <i>n.</i> | a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together |
| 51. intensive agr_____re | <i>n.</i> | the practice or science of cultivating the land or raising stock |
| 52. fu___s infection | <i>n.</i> | 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 |
| 53. sou_____of material | <i>v.</i> | to make a room or other enclosed space impervious to sound by reducing the transmission of sound through its walls or floor and ceiling; (adjective, of a building) not allowing sound to pass through it |
| 54. ca___n dioxide | <i>n.</i> | 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 |

ANSWERS: 46. contribute, 47. metaphor, 48. dinosaur, 49. slime, 50. mass, 51. agriculture, 52. fungus, 53. soundproof, 54. carbon

- | | |
|---|--|
| 55. b__y in the earth | <i>v.</i> to place a dead body in the ground, grave, or tomb |
| 56. the characters that re_____nt numbers | <i>v.</i> to speak, act, or be present on behalf of another person or group; to form or constitute |
| 57. cr___y service | <i>adj.</i> of poor quality; not satisfactory |
| 58. gu_____ce counselor | <i>n.</i> advice or instructions given to help direct someone's behavior or decision-making |
| 59. carbon fi_____nt | <i>n.</i> a thin wire or thread, especially one used to produce light in an electric bulb |
| 60. unf_____ely caught in a shower | <i>adv.</i> by bad luck; unluckily |
| 61. a scholarship ass_____on | <i>n.</i> a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship |
| 62. hulking di_____ur | <i>n.</i> a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin |
| 63. op_____ne occasion | <i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose |
| 64. a person of diverse ta___ts | <i>n.</i> a natural ability to be good at something; someone who has a natural ability to be good at something |
| 65. license re_____l | <i>n.</i> the process of making something new or active again; the act of renewing a subscription, license, etc. |

ANSWERS: 55. bury, 56. represent, 57. crappy, 58. guidance, 59. filament, 60. unfortunately, 61. association, 62. dinosaur, 63. opportune, 64. talent, 65. renewal

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| 66. a ha____y of colors | <i>n.</i> the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties |
| 67. de____te moon | <i>adj.</i> deserted, barren, or lonely; causing a feeling of sadness or hopelessness |
| 68. bacteria on pe__i dishes | <i>n.</i> (petri dish) a small, clear, and round dish with a lid used in laboratories, especially for growing bacteria |
| 69. raw ta____t | <i>n.</i> a natural ability to be good at something; someone who has a natural ability to be good at something |
| 70. a scientific di____ry | <i>n.</i> the act or process of finding information, a place, or an object, or learning about something that was previously not known |
| 71. find a cor_____ing lack | <i>adj.</i> similar to, connected with, or accompanying something, especially in position or purpose |
| 72. sel_____ent economy | <i>adj.</i> able to provide for one's own needs without assistance from others |
| 73. g_t feelings | <i>n.</i> the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant |
| 74. sp__l the surprise | <i>v.</i> to ruin the taste, appearance, or quality of something; to become or cause something to become rotten or bad |

ANSWERS: 66. harmony, 67. desolate, 68. petri, 69. talent, 70. discovery, 71. corresponding, 72. self-sufficient, 73. gut, 74. spoil

75. de___t a feeling of isolation	<i>v.</i> to illustrate someone or something in a photograph
76. ext_____on prevention	<i>n.</i> the complete disappearance of a species from the earth
77. al__e biofuel	<i>n.</i> A simple plant that grows in or near water and lacks typical leaves and roots
78. intended pr_____ly for young people	<i>adv.</i> mainly
79. a re_____ic goal	<i>adj.</i> having or showing a sensible and practical idea that is possible to achieve
80. brink of ext_____on	<i>n.</i> the complete disappearance of a species from the earth
81. le_____r boots	<i>n.</i> a material made from the skin of an animal, typically by tanning, and used for clothing, shoes, furniture, and other items
82. aw_____e mental faculty	<i>adj.</i> inspiring fear, admiration, or respect; very good, nice, fun, etc.
83. de___e a question	<i>v.</i> to make up someone's mind about something; to come to a conclusion or judgment after considering options
84. tr_____er power	<i>v.</i> to move, pass, or change from one person, place, or situation to another
85. b__y emotion	<i>v.</i> to place a dead body in the ground, grave, or tomb
86. a nu_____nt for hair	<i>n.</i> any substance that is essential for the maintenance and growth of living things
87. ev___e	<i>v.</i> to develop gradually, or to cause the development of something or someone gradually

ANSWERS: 75. depict, 76. extinction, 77. algae, 78. primarily, 79. realistic, 80. extinction, 81. leather, 82. awesome, 83. decide, 84. transfer, 85. bury, 86. nutrient, 87. evolve

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| 88. develop a st____gy | <i>n.</i> a detailed plan of action designed to achieve a long-term or overall goal. |
| 89. em_____ss my project | <i>v.</i> to cause someone to feel awkward, worried, or ashamed |
| 90. the cy__e of the seasons | <i>n.</i> an interval during which a recurring sequence of events occurs; a bicycle or motorcycle |
| 91. get ins_____on from nature | <i>n.</i> something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity |
| 92. de___e on a course of action | <i>v.</i> to make up someone's mind about something; to come to a conclusion or judgment after considering options |
| 93. reg_____ive medicine | <i>adj.</i> tending to regrow or restore lost or injured tissue |
| 94. domestic af____rs | <i>n.</i> event, situation, or subject that is significant from a political or public perspective; a secretive or illicit sexual relationship |
| 95. re_____nt population | <i>adj.</i> able to withstand or recover quickly from difficult conditions |
| 96. an intact tr_____te | <i>n.</i> a type of extinct arthropod that lived in the oceans of the Paleozoic Era, characterized by a three-lobed body shape and a hard exoskeleton |
| 97. 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 |

ANSWERS: 88. strategy, 89. embarrass, 90. cycle, 91. inspiration, 92. decide, 93. regenerative, 94. affair, 95. resilient, 96. trilobite, 97. protein

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| 98. a convivial atm_____re | <i>n.</i> the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work |
| 99. et___s of journalism | <i>n.</i> a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong |
| 100. my_____um growth | <i>n.</i> the vegetative part of a fungus, consisting of a mass of branching, thread-like hyphae |
| 101. ma_____e stars | <i>adj.</i> enormous amount; very heavy and solid |
| 102. effects of cl_____e change | <i>n.</i> the weather in a particular location averaged over some long period |
| 103. cr___y Spanish | <i>adj.</i> of poor quality; not satisfactory |
| 104. ex_____t by human activity | <i>adj.</i> no longer in existence |
| 105. in_____e him to write a novel | <i>v.</i> to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative |
| 106. sp___e reproduction | <i>n.</i> a reproductive cell that is capable of developing into a new individual without fertilization, especially one produced by certain bacteria, fungi, and algae |
| 107. process of pho_____sis | <i>n.</i> the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities. |
| 108. int_____nt assisting system | <i>adj.</i> having the capacity for thought and reason, especially to a high degree |

ANSWERS: 98. atmosphere, 99. ethics, 100. mycelium, 101. massive, 102. climate, 103. crappy, 104. extinct, 105. inspire, 106. spore, 107. photosynthesis, 108. intelligent

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| 109. di_____e of a used product | <i>v.</i> to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away |
| 110. em_____ss political enemy | <i>v.</i> to cause someone to feel awkward, worried, or ashamed |
| 111. bio_____als industry | <i>n.</i> a substance, usually synthetic, that is used for medical or veterinary purposes and is designed to mimic or replace biological tissues |
| 112. the story is bi_____e | <i>adj.</i> very strange or unusual |
| 113. sp___l a person's sport | <i>v.</i> to ruin the taste, appearance, or quality of something; to become or cause something to become rotten or bad |
| 114. co_____ed of the idea | <i>adj.</i> completely certain about something; having a strong belief or conviction in a particular religion |
| 115. oxygenic pho_____sis | <i>n.</i> the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities. |
| 116. woolly pa___s | <i>n.</i> an item of clothing that covers the lower part of the body and each leg separately, typically with a waistband and two legs |
| 117. mis_____and entirely about her | <i>v.</i> to interpret or understand something in the wrong way |
| 118. tr_____rt facilities | <i>n.</i> a system for moving people or products from one location to another using automobiles, roads, and so on |

ANSWERS: 109. dispose, 110. embarrass, 111. biomaterial, 112. bizarre, 113. spoil, 114. convinced, 115. photosynthesis, 116. pants, 117. misunderstand, 118. transport

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| 119. tr_____e down his feelings | <i>v.</i> to step heavily on something or someone, causing damage or injury |
| 120. industrial sy_____is | <i>n.</i> a close, prolonged association between two or more different species of organisms, typically to the advantage of all |
| 121. re_____l process | <i>n.</i> the process of making something new or active again; the act of renewing a subscription, license, etc. |
| 122. re_____nt by a diagram | <i>v.</i> to speak, act, or be present on behalf of another person or group; to form or constitute |
| 123. the most am_____g feeling | <i>adj.</i> extremely surprising, especially in a way that you like or admire |
| 124. re_____te the cell | <i>v.</i> to make an exact copy of something; to repeat a process or experiment to confirm the results |
| 125. ind_____us student | <i>adj.</i> hardworking, diligent, and persistent in effort |
| 126. w____n a reckless driver | <i>v.</i> to make someone aware of potential danger or difficulty, particularly one that may occur in the future |
| 127. better fuel eff_____cy | <i>n.</i> the state or quality of doing something well with no waste of input such as time or money |
| 128. variety of de_____us foods | <i>adj.</i> exceptionally pleasing to taste or smell |
| 129. a fr_____onal share of the vote | <i>n.</i> a small part or item forming a piece of a whole; the quotient of two rational numbers |

ANSWERS: 119. trample, 120. symbiosis, 121. renewal, 122. represent, 123. amazing, 124. replicate, 125. industrious, 126. warn, 127. efficiency, 128. delicious, 129. fraction

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| 130. dec_____ion process | <i>n.</i> the process of breaking down organic matter into simpler substances through natural processes such as decay |
| 131. sus_____le alternative fuel | <i>adj.</i> able to continue or be continued for a long time |
| 132. pa__l discussion | <i>n.</i> a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something |
| 133. in___e the aroma | <i>v.</i> to breathe in air or a different substance, such as smoke |
| 134. com_____te his anxieties to the psychiatrist | <i>v.</i> to share or exchange information with others by speaking, writing, moving your body, or using other signals |
| 135. in_____e a high degree of risk | <i>v.</i> to include or affect someone or something as a necessary part of something else |
| 136. a p__t of bean plants | <i>n.</i> a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome |
| 137. bi_____e behavior | <i>adj.</i> very strange or unusual |
| 138. a private ra_____y | <i>n.</i> a transportation system consisting of tracks and trains, usually used for the transportation of goods or passengers over long distances |
| 139. mis_____and each other | <i>v.</i> to interpret or understand something in the wrong way |

ANSWERS: 130. decomposition, 131. sustainable, 132. panel, 133. inhale, 134. communicate, 135. involve, 136. pest, 137. bizarre, 138. railway, 139. misunderstand

140. tissue te____es	<i>n.</i> any type of cloth made by weaving or felting or knitting
141. de_____se into simpler molecules	<i>v.</i> to break down or cause to break down over time into simpler substances or elements
142. di_____e battleships for a battle	<i>v.</i> to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away
143. int_____ory biology text	<i>adj.</i> intended as an introduction or preliminary; serving as a base or starting point
144. parched s__l	<i>n.</i> the top layer of Earth in which plants grow
145. und_____nd activist	<i>adj.</i> under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force
146. p__t control	<i>n.</i> a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome
147. ex_____e in popularity	<i>v.</i> to burst or break open violently and noisily; to cause something to burst or break open
148. an___w it turns out	<i>adv.</i> anyway; regardless of what has happened or been said
149. con_____te a large sum of money to the fund	<i>v.</i> to give something, especially money or goods, to provide or achieve something together with other people

ANSWERS: 140. textile, 141. decompose, 142. dispose, 143. introductory, 144. soil, 145. underground, 146. pest, 147. explode, 148. anyhow, 149. contribute

150. vi_____ly identical	<i>adv.</i> almost completely
151. aerial my_____um	<i>n.</i> the vegetative part of a fungus, consisting of a mass of branching, thread-like hyphae
152. ex_____e our options	<i>v.</i> to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
153. op_____ze control for cooling	<i>v.</i> to make the best or most effective use of something
154. mi_____es sterilizer	<i>n.</i> a tiny living thing that can only be seen with a microscope and that may cause disease
155. re_____e one word with another	<i>v.</i> to take the place of something
156. ove_____ng crisis	<i>n.</i> the removal of too many fish from a body of water, causing a decline in population levels and harm to the ecosystem
157. la_____ll sites	<i>n.</i> a site for the disposal of waste materials
158. tr_____rm an education system	<i>v.</i> to change in outward structure or looks;
159. chemical dec_____ion	<i>n.</i> the process of breaking down organic matter into simpler substances through natural processes such as decay
160. ca_____e a glimpse	<i>v.</i> to catch a person or an animal and confine them in an area which they cannot escape
161. th____e on pressure	<i>v.</i> to grow vigorously; to make steady progress

ANSWERS: 150. virtually, 151. mycelium, 152. explore, 153. optimize, 154. microbe, 155. replace, 156. overfishing, 157. landfill, 158. transform, 159. decomposition, 160. capture, 161. thrive

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| 162. fill the fr___e | <i>n.</i> a piece of electrical equipment in which food can be stored at low temperatures so that it stays fresh |
| 163. low-fat da__y | <i>n.</i> a room, building, or establishment where milk and milk products are produced and processed; milk and milk products, such as butter and cheese |
| 164. fer_____ion tank | <i>n.</i> the chemical breakdown of a substance by bacteria, yeasts, or other microorganisms, typically involving effervescence and the giving off of the heat |
| 165. sp____or of nature | <i>n.</i> great brightness; brilliant or stunning appearance; magnificence |
| 166. di____e backgrounds | <i>adj.</i> including numerous categories of individuals or entities; various |
| 167. anthrax sp__e | <i>n.</i> a reproductive cell that is capable of developing into a new individual without fertilization, especially one produced by certain bacteria, fungi, and algae |
| 168. su____al food | <i>n.</i> the state of continuing to exist or live, frequently in the face of difficulty or danger |
| 169. sp____or of art | <i>n.</i> great brightness; brilliant or stunning appearance; magnificence |
| 170. chemical re____e | <i>n.</i> a substance that remains after a process or reaction; a remnant of something that once existed |
| 171. residual qu____ty | <i>n.</i> the amount or number of something; magnitude |

ANSWERS: 162. fridge, 163. dairy, 164. fermentation, 165. splendor, 166. diverse, 167. spore, 168. survival, 169. splendor, 170. residue, 171. quantity

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| 172. vocational gu____ce | <i>n.</i> advice or instructions given to help direct someone's behavior or decision-making |
| 173. gr____e music | <i>n.</i> the state of being covered with dirty things; a type of rock music characterized by heavy use of electric guitar, bass, and drums, and often a bleak or rebellious attitude |
| 174. gr____e wardrobe | <i>n.</i> the state of being covered with dirty things; a type of rock music characterized by heavy use of electric guitar, bass, and drums, and often a bleak or rebellious attitude |
| 175. ni____a state | <i>n.</i> a state of perfect happiness, peace, and enlightenment in Hinduism and Buddhism |
| 176. ca____n emission | <i>n.</i> 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 |
| 177. the tra_____ion of a tadpole into a frog | <i>n.</i> a complete change in form, nature, or appearance of someone or something |
| 178. sp____l distribution | <i>adj.</i> of or relating space and the position, area, and size of things |
| 179. col_____te with the police | <i>v.</i> to work with someone else to produce or achieve something |
| 180. in____e a feeling of curiosity | <i>v.</i> to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative |

ANSWERS: 172. guidance, 173. grunge, 174. grunge, 175. nirvana, 176. carbon, 177. transformation, 178. spatial, 179. collaborate, 180. inspire

181. spiritual ni____a	<i>n.</i> a state of perfect happiness, peace, and enlightenment in Hinduism and Buddhism
182. in____e the smoke	<i>v.</i> to breathe in air or a different substance, such as smoke
183. re____on between cause and effect	<i>n.</i> the way two persons or groups of people feel and act toward one another
184. cr____re of habit	<i>n.</i> a living being, especially an animal
185. de____e environmental quality	<i>v.</i> to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others
186. de____se matter	<i>v.</i> to break down or cause to break down over time into simpler substances or elements
187. additional sound ins____on	<i>n.</i> the act or process of covering something to stop heat, sound, electricity, etc. from passing through; the materials used for this
188. un____r a potential problem	<i>v.</i> to remove the cover from something; to discover something previously unseen or hidden
189. answer co____ss questions	<i>adj.</i> too numerous to be counted or very many
190. symbiotic fu____s	<i>n.</i> 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

ANSWERS: 181. nirvana, 182. inhale, 183. relation, 184. creature, 185. degrade, 186. decompose, 187. insulation, 188. uncover, 189. countless, 190. fungus

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| 191. me__a for surfers | <i>n.</i> a city and administrative center of the Mecca Province of Saudi Arabia and the holiest city in Islam |
| 192. ba_____ry plot | <i>n.</i> the history and events that occur before the main events of a story or the history and details of a person or thing that are not widely known |
| 193. sc_____h off a name | <i>v.</i> to cut or damage the surface of something or the skin with a sharp or pointed object |
| 194. basic br__n function | <i>n.</i> the organ inside the head that is responsible for one's movement, thought, memory, and feeling |
| 195. a civil en_____er | <i>n.</i> a person whose job is designing, building, or maintaining something such as machines, structures, or software |
| 196. field of artificial int_____nce | <i>n.</i> the ability to learn, comprehend, or make judgments or conclusions based on reasons |
| 197. 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 |
| 198. human ev_____on | <i>n.</i> a gradual process of transformation of living things |
| 199. pe_____t over time | <i>v.</i> to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable |

ANSWERS: 191. mecca, 192. backstory, 193. scratch, 194. brain, 195. engineer, 196. intelligence, 197. protein, 198. evolution, 199. persist

200. tourist me__a	<i>n.</i> a city and administrative center of the Mecca Province of Saudi Arabia and the holiest city in Islam
201. fu__y logic	<i>adj.</i> having a soft and indistinct outline or covered with fine, soft, and hairlike fibers
202. review a__w	<i>adv.</i> in a new or different way
203. re____te a single country	<i>v.</i> to make something that existed previously happen or appear to exist again
204. re____on of inclusion	<i>n.</i> the way two persons or groups of people feel and act toward one another
205. save the pl____t	<i>n.</i> any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
206. cost of solar pa__ls	<i>n.</i> a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
207. sa____n migration	<i>n.</i> a type of fish that is commonly found in the North Atlantic and North Pacific oceans
208. th____y-obtained data	<i>adv.</i> as a result; consequence of a particular action or set of conditions
209. an energy eff____cy	<i>n.</i> the state or quality of doing something well with no waste of input such as time or money

ANSWERS: 200. mecca, 201. fuzzy, 202. anew, 203. recreate, 204. relation, 205. planet, 206. panel, 207. salmon, 208. thereby, 209. efficiency

210. com_____te well with my advisor	<i>v.</i> to share or exchange information with others by speaking, writing, moving your body, or using other signals
211. a minute li_____rm	<i>n.</i> a living organism, especially one that has a distinct shape, structure, or behavior
212. imported da__y product	<i>n.</i> a room, building, or establishment where milk and milk products are produced and processed; milk and milk products, such as butter and cheese
213. ima_____ve as a child	<i>adj.</i> having or showing new and creative ideas
214. in_____e a lot of paperwork	<i>v.</i> to include or affect someone or something as a necessary part of something else
215. by_____ct of technology	<i>n.</i> a secondary or incidental product produced in the manufacture or synthesis of something else
216. i__h to speak	<i>v.</i> to have an uncomfortable feeling on the skin that makes you want to scratch it
217. orchid myc_____za	<i>n.</i> a mutually beneficial association between a fungus and the roots of a plant, in which the fungus helps the plant absorb water and nutrients, and the plant provides the fungus with sugars produced through photosynthesis
218. co_____ed criminal	<i>adj.</i> completely certain about something; having a strong belief or conviction in a particular religion

ANSWERS: 210. communicate, 211. life-form, 212. dairy, 213. imaginative, 214. involve, 215. byproduct, 216. itch, 217. mycorrhiza, 218. convinced

219. pos_____ty for growth	<i>n.</i> a chance that something may happen or be true
220. fr___e magnet	<i>n.</i> a piece of electrical equipment in which food can be stored at low temperatures so that it stays fresh
221. pl___t like the Earth	<i>n.</i> any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
222. ex_____e in anger	<i>v.</i> to burst or break open violently and noisily; to cause something to burst or break open
223. co_____ss hours	<i>adj.</i> too numerous to be counted or very many
224. an imp_____ve array of facts	<i>adj.</i> arousing admiration due to size, quality, or skill
225. ma_____e amounts	<i>adj.</i> enormous amount; very heavy and solid
226. d__e not go	<i>v.</i> to have the courage to do something
227. toxic ch_____als	<i>adj.</i> relating to or connected with chemistry;
228. lack of 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
229. arm a__w	<i>adv.</i> in a new or different way
230. un_____ed resources	<i>adj.</i> without any limits or restrictions
231. vitamin and mi_____ls	<i>n.</i> a solid inorganic substance occurring in nature having a definite chemical composition

ANSWERS: 219. possibility, 220. fridge, 221. planet, 222. explode, 223. countless, 224. impressive, 225. massive, 226. dare, 227. chemical, 228. oxygen, 229. anew, 230. unlimited, 231. mineral

232. an int_____nce test	<i>n.</i> the ability to learn, comprehend, or make judgments or conclusions based on reasons
233. pajama pa__s	<i>n.</i> an item of clothing that covers the lower part of the body and each leg separately, typically with a waistband and two legs
234. an op_____ne remark	<i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose
235. an int_____nt person	<i>adj.</i> having the capacity for thought and reason, especially to a high degree
236. me_____e allergic reaction	<i>v.</i> to try to bring about an agreement or understanding between people who are in conflict
237. go to the workplace by cy__e	<i>n.</i> an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
238. the ad_____ve coloring	<i>adj.</i> capable of adjusting to new situations or changing conditions
239. ubi_____us across ecosystems	<i>adj.</i> being or existing everywhere at once
240. radioactive de__y	<i>n.</i> the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes
241. marine ec_____em	<i>n.</i> all the plants and living creatures in an area and the way they affect each other and the environment

ANSWERS: 232. intelligence, 233. pants, 234. opportune, 235. intelligent, 236. mediate, 237. cycle, 238. adaptive, 239. ubiquitous, 240. decay, 241. ecosystem

242. change the ec_____em	<i>n.</i>	all the plants and living creatures in an area and the way they affect each other and the environment
243. col_____te on a press release	<i>v.</i>	to work with someone else to produce or achieve something
244. tr_____e on the rights	<i>v.</i>	to step heavily on something or someone, causing damage or injury
245. lingual di_____ty	<i>n.</i>	the quality or fact of many different types of things or people being included in something; a range of different things or people
246. bio_____al development	<i>n.</i>	a substance, usually synthetic, that is used for medical or veterinary purposes and is designed to mimic or replace biological tissues
247. su_____e a blizzard	<i>v.</i>	to live or exist despite a dangerous event or period
248. i__h constantly	<i>v.</i>	to have an uncomfortable feeling on the skin that makes you want to scratch it
249. sy_____is establishment	<i>n.</i>	a close, prolonged association between two or more different species of organisms, typically to the advantage of all
250. sel_____ent renewable energy	<i>adj.</i>	able to provide for one's own needs without assistance from others
251. pi___p truck	<i>n.</i>	a type of vehicle with an open-air cargo bed at the back used for transporting goods or equipment; the act of collecting or gathering someone or something from a particular location; a warrant to take someone into custody

ANSWERS: 242. ecosystem, 243. collaborate, 244. trample, 245. diversity, 246. biomaterial, 247. survive, 248. itch, 249. symbiosis, 250. self-sufficient, 251. pickup

252. sl__e bacteria	<i>n.</i> a thick, slippery substance that is usually soft and wet
253. have an aw____e birthday	<i>adj.</i> inspiring fear, admiration, or respect; very good, nice, fun, etc.
254. the fo____nts of an earlier civilization	<i>n.</i> a mark of a foot, shoe, or animal's foot left on a surface
255. s_y milk	<i>n.</i> a legume plant that is widely cultivated for its edible bean, which has many uses, such as for oil, food, and animal feed
256. reg____ive therapy	<i>adj.</i> tending to regrow or restore lost or injured tissue
257. en___r a character to young readers	<i>v.</i> to make someone loved or appreciated or to cause someone to feel fondness or affection for someone or something
258. fo____nts in the snow	<i>n.</i> a mark of a foot, shoe, or animal's foot left on a surface
259. be____h contempt	<i>adv.</i> in or to a lower place than someone or something
260. en___r to everyone	<i>v.</i> to make someone loved or appreciated or to cause someone to feel fondness or affection for someone or something
261. cognitive com____ty	<i>n.</i> the state or quality of being complicated or intricate and difficult to understand
262. pe____t in success	<i>v.</i> to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable

ANSWERS: 252. slime, 253. awesome, 254. footprint, 255. soy, 256. regenerative, 257. endear, 258. footprint, 259. beneath, 260. endear, 261. complexity, 262. persist

263. source of ins_____on	<i>n.</i> something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity
264. word ass_____ons	<i>n.</i> a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
265. series of exp_____nts	<i>n.</i> the scientific test conducted to observe what happens and gain new knowledge
266. mu_____om cultivation	<i>n.</i> a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
267. ra_____y station	<i>n.</i> a transportation system consisting of tracks and trains, usually used for the transportation of goods or passengers over long distances
268. sc_____h my signature	<i>v.</i> to cut or damage the surface of something or the skin with a sharp or pointed object
269. un_____r the truth	<i>v.</i> to remove the cover from something; to discover something previously unseen or hidden
270. rep_____nt cost	<i>n.</i> the act of replacing something with something else, especially that is newer or better; a person or thing that takes or can take the place of another
271. disposal in a la_____ll	<i>n.</i> a site for the disposal of waste materials
272. myc_____za fungi	<i>n.</i> a mutually beneficial association between a fungus and the roots of a plant, in which the fungus helps the plant absorb water and nutrients, and the plant provides the fungus with sugars produced through photosynthesis

ANSWERS: 263. inspiration, 264. association, 265. experiment, 266. mushroom, 267. railway, 268. scratch, 269. uncover, 270. replacement, 271. landfill, 272. mycorrhiza

273. ci____ar economy	<i>adj.</i> shaped like a circle; having a round form
274. ex____e the world	<i>v.</i> to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
275. the ground be____h my feet	<i>adv.</i> in or to a lower place than someone or something
276. ins____on board	<i>n.</i> the act or process of covering something to stop heat, sound, electricity, etc. from passing through; the materials used for this
277. tr____er a file	<i>v.</i> to move, pass, or change from one person, place, or situation to another
278. sa____n fishery	<i>n.</i> a type of fish that is commonly found in the North Atlantic and North Pacific oceans
279. dairy c_w	<i>n.</i> a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat
280. t_p keyboard with an index finger	<i>v.</i> to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
281. exp____nt design	<i>n.</i> the scientific test conducted to observe what happens and gain new knowledge
282. nu____nt medicine	<i>n.</i> any substance that is essential for the maintenance and growth of living things

ANSWERS: 273. circular, 274. explore, 275. beneath, 276. insulation, 277. transfer, 278. salmon, 279. cow, 280. tap, 281. experiment, 282. nutrient

283. ev_____on theory	<i>n.</i> a gradual process of transformation of living things
284. fu__y memory	<i>adj.</i> having a soft and indistinct outline or covered with fine, soft, and hairlike fibers
285. a ti__t game	<i>adj.</i> fixed, fastened, or kept together firmly or closely
286. a person of di_____e talents	<i>adj.</i> including numerous categories of individuals or entities; various
287. t_p a new market	<i>v.</i> to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
288. en_____er shortage	<i>n.</i> a person whose job is designing, building, or maintaining something such as machines, structures, or software
289. sou_____of room	<i>v.</i> to make a room or other enclosed space impervious to sound by reducing the transmission of sound through its walls or floor and ceiling; (adjective, of a building) not allowing sound to pass through it
290. a de_____te scene	<i>adj.</i> deserted, barren, or lonely; causing a feeling of sadness or hopelessness
291. half qu_____ty	<i>n.</i> the amount or number of something; magnitude
292. 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: 283. evolution, 284. fuzzy, 285. tight, 286. diverse, 287. tap, 288. engineer, 289. soundproof, 290. desolate, 291. quantity, 292. oxygen

293. ove_____ng ban	<i>n.</i> the removal of too many fish from a body of water, causing a decline in population levels and harm to the ecosystem
294. r_b shoulders	<i>v.</i> to move one's hand or an object over the surface of something with pressure
295. cast a tra_____ion spell	<i>n.</i> a complete change in form, nature, or appearance of someone or something
296. enameled le_____r	<i>n.</i> a material made from the skin of an animal, typically by tanning, and used for clothing, shoes, furniture, and other items
297. re_____ne the possibilities	<i>v.</i> to imagine or conceive of something in a new or different way
298. re_____e after evaporation	<i>n.</i> a substance that remains after a process or reaction; a remnant of something that once existed
299. even more unf_____ely	<i>adv.</i> by bad luck; unluckily
300. flexible mi_____t	<i>n.</i> the established set of attitudes or fixed ideas held by someone
301. the great di_____ry of the century	<i>n.</i> the act or process of finding information, a place, or an object, or learning about something that was previously not known
302. begin to r_t	<i>v.</i> to decay, or cause something to decay, naturally and gradually
303. military st_____gy	<i>n.</i> a detailed plan of action designed to achieve a long-term or overall goal.

ANSWERS: 293. overfishing, 294. rub, 295. transformation, 296. leather, 297. reimagine, 298. residue, 299. unfortunately, 300. mindset, 301. discovery, 302. rot, 303. strategy

304. environmental po_____on	<i>n.</i> the introduction of harmful substances or waste into the natural environment that causes adverse change
305. te_____e production	<i>n.</i> any type of cloth made by weaving or felting or knitting
306. mi_____l rights	<i>n.</i> a solid inorganic substance occurring in nature having a definite chemical composition
307. env_____nt affairs	<i>n.</i> the natural world such as air, water, and land in which humans, animals, and plants live
308. an____w possible	<i>adv.</i> anyway; regardless of what has happened or been said
309. a hard and re_____nt steel	<i>adj.</i> able to withstand or recover quickly from difficult conditions
310. ro__y relationship	<i>adj.</i> full of or abounding in rocks; of, relating to, or made of rock
311. ca_____e customers' hearts	<i>v.</i> to catch a person or an animal and confine them in an area which they cannot escape
312. m__d allergy	<i>n.</i> a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
313. water flowing und_____nd	<i>adj.</i> under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force

ANSWERS: 304. pollution, 305. textile, 306. mineral, 307. environment, 308. anyhow, 309. resilient, 310. rocky, 311. capture, 312. mold, 313. underground

314. en____s hours	<i>adj.</i> having no end or conclusion; infinitely very large in size or amount
315. w__ned me of the plan	<i>v.</i> to make someone aware of potential danger or difficulty, particularly one that may occur in the future
316. li_____rm discovery	<i>n.</i> a living organism, especially one that has a distinct shape, structure, or behavior
317. ubi_____us computing	<i>adj.</i> being or existing everywhere at once
318. a ch____al compound	<i>adj.</i> relating to or connected with chemistry;
319. am_____g advances	<i>adj.</i> extremely surprising, especially in a way that you like or admire
320. the cor_____ing word in Spanish	<i>adj.</i> similar to, connected with, or accompanying something, especially in position or purpose
321. tr_____te specimen	<i>n.</i> a type of extinct arthropod that lived in the oceans of the Paleozoic Era, characterized by a three-lobed body shape and a hard exoskeleton
322. artificial cr____re	<i>n.</i> a living being, especially an animal
323. a cold cl_____e	<i>n.</i> the weather in a particular location averaged over some long period
324. la_____y accepted	<i>adv.</i> virtually entirely; to a large degree
325. mu_____om spores	<i>n.</i> a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap
326. de_____e his public image	<i>v.</i> to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

ANSWERS: 314. endless, 315. warn, 316. life-form, 317. ubiquitous, 318. chemical, 319. amazing, 320. corresponding, 321. trilobite, 322. creature, 323. climate, 324. largely, 325. mushroom, 326. degrade

327. critical m__s	<i>n.</i>	a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
328. op____ze a process	<i>v.</i>	to make the best or most effective use of something
329. th___e in a society	<i>v.</i>	to grow vigorously; to make steady progress
330. the di_____ty policy of the university	<i>n.</i>	the quality or fact of many different types of things or people being included in something; a range of different things or people
331. com_____ty theory	<i>n.</i>	the state or quality of being complicated or intricate and difficult to understand
332. principles of sus_____le development	<i>adj.</i>	able to continue or be continued for a long time
333. visual me____or	<i>n.</i>	a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity
334. pr_____al English	<i>adj.</i>	of or connected with actual use or real situation rather than with theory and ideas
335. product int_____ory sale	<i>adj.</i>	intended as an introduction or preliminary; serving as a base or starting point
336. follow his ins_____ons	<i>n.</i>	detailed direction, order, etc., on how to do or use something
337. su____e a plane crash	<i>v.</i>	to live or exist despite a dangerous event or period

ANSWERS: 327. mass, 328. optimize, 329. thrive, 330. diversity, 331. complexity, 332. sustainable, 333. metaphor, 334. practical, 335. introductory, 336. instruction, 337. survive

338. the mi____t in an education system	<i>n.</i>	the established set of attitudes or fixed ideas held by someone
339. c_w herd	<i>n.</i>	a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat
340. oxidative fer_____ion	<i>n.</i>	the chemical breakdown of a substance by bacteria, yeasts, or other microorganisms, typically involving effervescence and the giving off of the heat
341. tr_____rm heat into power	<i>v.</i>	to change in outward structure or looks;
342. organic agr_____re	<i>n.</i>	the practice or science of cultivating the land or raising stock
343. me_____e a negotiation	<i>v.</i>	to try to bring about an agreement or understanding between people who are in conflict
344. th_____y improving overall health	<i>adv.</i>	as a result; consequence of a particular action or set of conditions
345. pi___p and delivery service	<i>n.</i>	a type of vehicle with an open-air cargo bed at the back used for transporting goods or equipment; the act of collecting or gathering someone or something from a particular location; a warrant to take someone into custody
346. access to public tr_____rt	<i>n.</i>	a system for moving people or products from one location to another using automobiles, roads, and so on
347. long-ex_____t volcano	<i>adj.</i>	no longer in existence

ANSWERS: 338. mindset, 339. cow, 340. fermentation, 341. transform, 342. agriculture, 343. mediate, 344. thereby, 345. pickup, 346. transport, 347. extinct

348. individual ins_____on	<i>n.</i> detailed direction, order, etc., on how to do or use something
349. su_____al ability	<i>n.</i> the state of continuing to exist or live, frequently in the face of difficulty or danger
350. hold your br____h	<i>n.</i> the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
351. oa_____l breakfast	<i>n.</i> a type of cereal made from oats that have been ground or steel-cut
352. pr_____ly affect adults	<i>adv.</i> mainly
353. high levels of air po_____on	<i>n.</i> the introduction of harmful substances or waste into the natural environment that causes adverse change
354. ind_____us worker	<i>adj.</i> hardworking, diligent, and persistent in effort
355. fi_____nt lamp	<i>n.</i> a thin wire or thread, especially one used to produce light in an electric bulb
356. ad_____ve technology	<i>adj.</i> capable of adjusting to new situations or changing conditions
357. r_t with age	<i>v.</i> to decay, or cause something to decay, naturally and gradually
358. blue al__e	<i>n.</i> A simple plant that grows in or near water and lacks typical leaves and roots
359. current af____rs	<i>n.</i> event, situation, or subject that is significant from a political or public perspective; a secretive or illicit sexual relationship

ANSWERS: 348. instruction, 349. survival, 350. breath, 351. oatmeal, 352. primarily, 353. pollution, 354. industrious, 355. filament, 356. adaptive, 357. rot, 358. algae, 359. affair

- | | |
|----------------------------------|--|
| 360. oa____l cookies | <i>n.</i> a type of cereal made from oats that have been ground or steel-cut |
| 361. imp____ve performances | <i>adj.</i> arousing admiration due to size, quality, or skill |
| 362. pathogenic mi____e | <i>n.</i> a tiny living thing that can only be seen with a microscope and that may cause disease |
| 363. s__ls retentive of moisture | <i>n.</i> the top layer of Earth in which plants grow |

ANSWERS: 360. oatmeal, 361. impressive, 362. microbe, 363. soil

Session 3: Fill in the Blanks

1. She expressed her thought in an artful choice of _____.
n. a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity
2. Mushrooms and _____ are fungi.
n. a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
3. 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
4. The golfer recorded an _____ distance.
adj. extremely surprising, especially in a way that you like or admire
5. Some studies have shown that plants grown in soil with a high population of _____ fungi are more resistant to drought and disease.
n. a mutually beneficial association between a fungus and the roots of a plant, in which the fungus helps the plant absorb water and nutrients, and the plant provides the fungus with sugars produced through photosynthesis
6. We would _____ an early reply.
v. to value and acknowledge the worth of someone or something; to be grateful for something or someone
7. He told me a _____ truth about my parent's death.
n. the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant

ANSWERS: 1. metaphors, 2. mold, 3. oxygen, 4. amazing, 5. mycorrhizal, 6. appreciate, 7. gut-wrenching

8. I can't stop _____ my arm because of the mosquito bite.
v. to have an uncomfortable feeling on the skin that makes you want to scratch it
9. The picture was _____ because it was taken with an old camera.
adj. having a soft and indistinct outline or covered with fine, soft, and hairlike fibers
10. He was known to be very _____ and would often work late into the night.
adj. hardworking, diligent, and persistent in effort
11. 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
12. Glass _____ dishes are used to culture microorganisms.
n. (petri dish) a small, clear, and round dish with a lid used in laboratories, especially for growing bacteria
13. That story was so _____ and it was scary.
adj. having or showing a sensible and practical idea that is possible to achieve
14. There was a _____ of soap in the bottle that wouldn't come out.
n. a substance that remains after a process or reaction; a remnant of something that once existed
15. He decided to start _____ and leave his old life behind.
adv. in a new or different way
16. _____ let's change the subject because I don't want to talk about this anymore.
adv. anyway; regardless of what has happened or been said

ANSWERS: 8. itching, 9. fuzzy, 10. industrious, 11. spores, 12. petri, 13. realistic, 14. residue, 15. anew, 16. Anyway,

17. The _____ industry is a significant contributor to the economy.

- n.* a room, building, or establishment where milk and milk products are produced and processed; milk and milk products, such as butter and cheese

18. _____ moisture is another significant component controlling soil respiration.

- n.* the top layer of Earth in which plants grow

19. The phone rang at the most _____ time.

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

20. _____ has jammed the inlet to the water turbine.

- n.* A simple plant that grows in or near water and lacks typical leaves and roots

21. He looked for an opportunity to _____ that actor in public.

- v.* to cause someone to feel awkward, worried, or ashamed

22. He was determined to become _____ and not rely on anyone else.

- adj.* able to provide for one's own needs without assistance from others

23. She is a _____ person and has always bounced back from setbacks.

- adj.* able to withstand or recover quickly from difficult conditions

24. His son had accurately _____ the bloom.

- v.* to illustrate someone or something in a photograph

25. 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

ANSWERS: 17. dairy, 18. Soil, 19. opportune, 20. Algae, 21. embarrass, 22. self-sufficient, 23. resilient, 24. depicted, 25. discovery

26. 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
27. The _____ road made it difficult to drive on.
adj. full of or abounding in rocks; of, relating to, or made of rock
28. The _____ of the energy production process is a large amount of carbon dioxide emissions.
n. a secondary or incidental product produced in the manufacture or synthesis of something else
29. My father's death _____ my life completely.
v. to change in outward structure or looks;
30. One such rapidly growing _____ is quantum cryptography.
n. an idea or principle associated with something abstract
31. 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
32. The recent economic downturn has resulted in _____ layoffs.
adj. enormous amount; very heavy and solid
33. Scientists are searching for signs of _____ on other planets.
n. a living organism, especially one that has a distinct shape, structure, or behavior
34. The treatments were done but, _____ were unsuccessful.
adv. by bad luck; unluckily

ANSWERS: 26. nutrients, 27. rocky, 28. byproduct, 29. transformed, 30. concept, 31. carbon, 32. massive, 33. life-form, 34. unfortunately,

35. The old building _____ in a fiery inferno.

- v.* to burst or break open violently and noisily; to cause something to burst or break open

36. Dolphins use sound to _____ with each other.

- v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals

37. The ocean's ecosystem is being threatened by _____ causing many species to become endangered.

- n.* the removal of too many fish from a body of water, causing a decline in population levels and harm to the ecosystem

38. The spaceship began to burn up as it approached the Earth's _____.

- n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

39. The teacher had to _____ a disagreement between two students over a stolen pencil.

- v.* to try to bring about an agreement or understanding between people who are in conflict

40. Government workers cannot _____ to political campaigns.

- v.* to give something, especially money or goods, to provide or achieve something together with other people

41. Our plan includes a comprehensive marketing _____.

- n.* a detailed plan of action designed to achieve a long-term or overall goal.

42. The public is _____ that the prime minister has committed fraud.

- adj.* completely certain about something; having a strong belief or conviction in a particular religion

ANSWERS: 35. exploded, 36. communicate, 37. overfishing, 38. atmosphere, 39. mediate, 40. contribute, 41. strategy, 42. convinced

43. He bated his _____ when talking about this affair.
- n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
44. Consult your doctor if the symptoms _____.
- v.* to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable
45. The walls of the recording studio were _____ to eliminate outside noise.
- v.* to make a room or other enclosed space impervious to sound by reducing the transmission of sound through its walls or floor and ceiling; (adjective, of a building) not allowing sound to pass through it
46. The _____ of organic matter releases nutrients back into the soil.
- n.* the process of breaking down organic matter into simpler substances through natural processes such as decay
47. Enhanced rail _____ is crucial for our business.
- n.* a system for moving people or products from one location to another using automobiles, roads, and so on
48. The _____ of the main character added depth to the story.
- n.* the history and events that occur before the main events of a story or the history and details of a person or thing that are not widely known
49. The _____ of the dinosaurs is thought to have been caused by an asteroid impact.
- n.* the complete disappearance of a species from the earth
50. The process of _____ is used to make beer, wine, and many other products.
- n.* the chemical breakdown of a substance by bacteria, yeasts, or other microorganisms, typically involving effervescence and the giving off of the heat

ANSWERS: 43. breath, 44. persist, 45. soundproofed, 46. decomposition, 47. transportation, 48. backstory, 49. extinction, 50. fermentation

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

adj. relating to or connected with chemistry;

52. His membership in the _____ provided him with numerous benefits.

n. a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship

53. You should not _____ the meaning of freedom.

v. to interpret or understand something in the wrong way

54. He _____ deeply, trying to calm down.

v. to breathe in air or a different substance, such as smoke

55. They study the _____ of the universe.

n. a gradual process of transformation of living things

56. We worked in perfect _____.

n. the combination of simultaneous musical notes to produce a pleasing effect; an attractive combination of related things and their properties

57. She couldn't _____ whether to order the pizza or the pasta for dinner.

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

58. I love starting my day with a bowl of warm _____ and fresh fruit.

n. a type of cereal made from oats that have been ground or steel-cut

59. Understanding unitary _____ of a normal matrix require considerable mathematical sophistication.

n. a complete change in form, nature, or appearance of someone or something

ANSWERS: 51. chemical, 52. association, 53. misunderstand, 54. inhaled, 55. evolution, 56. harmony, 57. decide, 58. oatmeal, 59. transformations

60. Without investment, a business cannot _____.

v. to grow vigorously; to make steady progress

61. The country was instrumental in promoting the _____ treaty.

n. the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment

62. The budget reduction was an _____ feat for our nation.

adj. arousing admiration due to size, quality, or skill

63. They needed further _____ to perform their duties efficiently.

n. detailed direction, order, etc., on how to do or use something

64. This scripture provides the code of _____ for the religion.

n. a branch of philosophy that considers what is morally right and wrong conduct; a set of beliefs about what is morally right and wrong

65. The _____ of people who do not own property is politically impotent.

n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

66. The baby's smile _____ her to everyone who saw her.

v. to make someone loved or appreciated or to cause someone to feel fondness or affection for someone or something

67. The _____ of getting the disease will drastically increase.

n. a chance that something may happen or be true

68. A great stretch of the lake lay _____ them.

adv. in or to a lower place than someone or something

ANSWERS: 60. thrive, 61. biodiversity, 62. impressive, 63. instruction, 64. ethics, 65. mass, 66. endeared, 67. possibility, 68. beneath

69. The _____ of the palace was breathtaking.

n. great brightness; brilliant or stunning appearance; magnificence

70. Some critics say this exhibition will be a big _____.

n. event, situation, or subject that is significant from a political or public perspective; a secretive or illicit sexual relationship

71. The _____ learning system adjusts the difficulty level of the lessons based on the student's performance.

adj. capable of adjusting to new situations or changing conditions

72. The gardener used natural methods to keep _____ away from her plants.

n. a destructive insect or other animals that are harmful to crops, animals, or humans; someone or something that is annoying or troublesome

73. I wouldn't _____ to speak to him like that.

v. to have the courage to do something

74. X-rays revealed a small tumor in his _____.

n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

75. The mentor provided _____ to the young entrepreneur, helping her navigate the business world.

n. advice or instructions given to help direct someone's behavior or decision-making

76. Numerous great professional sports _____ have come from this city.

n. a natural ability to be good at something; someone who has a natural ability to be good at something

ANSWERS: 69. splendor, 70. affair, 71. adaptive, 72. pests, 73. dare, 74. brain, 75. guidance, 76. talents

77. The _____ will repair my telephone tomorrow morning.

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

78. We demand his _____.

- n.* the act of replacing something with something else, especially that is newer or better; a person or thing that takes or can take the place of another

79. The city is undergoing a _____ project that will transform the downtown area.

- n.* the process of making something new or active again; the act of renewing a subscription, license, etc.

80. 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

81. Having _____ parking has been very beneficial throughout the winter.

- adj.* under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force

82. We elected him to _____ us at the international conference.

- v.* to speak, act, or be present on behalf of another person or group; to form or constitute

83. Please refrigerate the meat, or it will _____.

- v.* to decay, or cause something to decay, naturally and gradually

84. _____ 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

ANSWERS: 77. engineer, 78. replacement, 79. renewal, 80. fungus, 81. underground, 82. represent, 83. rot, 84. Microbes

85. He evaluated his chances for _____ rather pessimistically.

n. the state of continuing to exist or live, frequently in the face of difficulty or danger

86. I'll be waiting for you in front of the café at 6 PM, so be on time for our _____.

n. a type of vehicle with an open-air cargo bed at the back used for transporting goods or equipment; the act of collecting or gathering someone or something from a particular location; a warrant to take someone into custody

87. New York is a city with a _____ ethnic population.

adj. including numerous categories of individuals or entities; various

88. He looked out the window at the _____ stream of people.

adj. having no end or conclusion; infinitely very large in size or amount

89. We could grill the meat in a _____ way.

adj. exceptionally pleasing to taste or smell

90. All peaceful cooperation is based _____ on mutual trust.

adv. mainly

91. Many species have become _____ due to habitat destruction and other human activities.

adj. no longer in existence

92. This country faces problems in finding enough suitable _____ sites.

n. a site for the disposal of waste materials

93. Our company must continue to strive for greater _____.

n. the state or quality of doing something well with no waste of input such as time or money

ANSWERS: 85. survival, 86. pickup, 87. diverse, 88. endless, 89. delicious, 90. primarily, 91. extinct, 92. landfill, 93. efficiency

94. You should not _____ yourself by allowing them to use you.

- v. to make something worse, especially in quality; to show or treat someone in a way that makes them seem no value and do not have the respect or reasonable opinion of others

95. Don't _____ your mosquito bites.

- v. to cut or damage the surface of something or the skin with a sharp or pointed object

96. The industrial _____ laws were passed with little to no alteration.

- n. the way two persons or groups of people feel and act toward one another

97. To expand the company, we must ____ new human resources.

- v. to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.

98. The discovery of a new _____ species made headlines in the scientific community.

- n. a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

99. China's _____ industry has developed rapidly with the input of foreign capital.

- n. any type of cloth made by weaving or felting or knitting

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. She left the _____ door open inadvertently.

- n. a piece of electrical equipment in which food can be stored at low temperatures so that it stays fresh

ANSWERS: 94. degrade, 95. scratch, 96. relations, 97. tap, 98. dinosaur, 99. textile, 100. environment, 101. fridge

102. He continued his investigation and soon _____ another crime.

- v.* to remove the cover from something; to discover something previously unseen or hidden

103. The kids loved playing with the green _____ but it was a nightmare to clean up.

- n.* a thick, slippery substance that is usually soft and wet

104. There is a lot of _____ nature and food in Hawaii.

- adj.* inspiring fear, admiration, or respect; very good, nice, fun, etc.

105. The _____ shape of the planet makes it difficult to determine which direction is north.

- adj.* shaped like a circle; having a round form

106. I attempted to _____ him, but he ignored me.

- v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future

107. He was impressed by the range and _____ of the collection.

- n.* the quality or fact of many different types of things or people being included in something; a range of different things or people

108. _____ is the foundation of our economy.

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

109. We choose transportation that has a smaller carbon _____.

- n.* a mark of a foot, shoe, or animal's foot left on a surface

110. The _____ fashion style became popular in the early 1990s.

- n.* the state of being covered with dirty things; a type of rock music characterized by heavy use of electric guitar, bass, and drums, and often a bleak or rebellious attitude

ANSWERS: 102. uncovered, 103. slime, 104. awesome, 105. circular, 106. warn, 107. diversity, 108. Agriculture, 109. footprint, 110. grunge

111. The deserted island was _____ and uninhabited.

adj. deserted, barren, or lonely; causing a feeling of sadness or hopelessness

112. An _____ data plan is a popular option for heavy internet users.

adj. without any limits or restrictions

113. He installed fiberglass _____ in the wall.

n. the act or process of covering something to stop heat, sound, electricity, etc. from passing through; the materials used for this

114. The plants in this garden are precious, so you must not _____ them.

v. to step heavily on something or someone, causing damage or injury

115. The new _____ used in implants are more durable and less likely to cause an immune response.

n. a substance, usually synthetic, that is used for medical or veterinary purposes and is designed to mimic or replace biological tissues

116. In terms of _____ he was head and shoulders above his classmates.

n. the ability to learn, comprehend, or make judgments or conclusions based on reasons

117. The company is trying to _____ its business model to stay competitive.

v. to imagine or conceive of something in a new or different way

118. In _____ plants use carbon dioxide to feed themselves.

n. the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

ANSWERS: 111. desolate, 112. unlimited, 113. insulation, 114. trample, 115. biomaterials, 116. intelligence, 117. reimagine, 118. photosynthesis,

119. The essence of economics is to _____ the allocation of limited resources.

v. to make the best or most effective use of something

120. He finally achieved _____ after many years of meditation and spiritual practice.

n. a state of perfect happiness, peace, and enlightenment in Hinduism and Buddhism

121. The deep sea _____ was unlike anything the scientists had ever seen before.

n. a living being, especially an animal

122. _____ all the parties signed the contract.

adv. almost completely

123. The _____ is endangering the local plants and animals.

n. the introduction of harmful substances or waste into the natural environment that causes adverse change

124. Many people use ____ sauce for sushi, stir-fries, and marinades.

n. a legume plant that is widely cultivated for its edible bean, which has many uses, such as for oil, food, and animal feed

125. These birds can only _____ in temperate climates.

v. to live or exist despite a dangerous event or period

126. Generally speaking, the child is innately _____ to learn a language.

v. to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away

ANSWERS: 119. optimize, 120. nirvana, 121. creature, 122. Virtually, 123. pollution, 124. soy, 125. survive, 126. disposed

127. The _____ class was designed to give students a basic understanding of the subject.

adj. intended as an introduction or preliminary; serving as a base or starting point

128. The farmer milked the _____ every morning before breakfast.

n. a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat

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

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

130. He found _____ in the works of his favorite authors.

n. something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity

131. The management must _____ strategies to increase office security.

v. to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

132. The _____ risotto was delicious, but I couldn't identify all the mushrooms in it.

n. a type of fungus that grows on dead or decaying organic matter and typically has a stalk and an umbrella-shaped cap

133. The _____ jacket was worn in but still comfortable.

n. a material made from the skin of an animal, typically by tanning, and used for clothing, shoes, furniture, and other items

134. Mercury is the closest _____ to the sun.

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 127. introductory, 128. cows, 129. mindset, 130. inspiration, 131. explore, 132. mushroom, 133. leather, 134. planet

135. The _____ system connects cities and countries, making travel more convenient.

- n.* a transportation system consisting of tracks and trains, usually used for the transportation of goods or passengers over long distances

136. Human conservation efforts often fail unexpectedly because they disturb the balance of the _____.

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

137. Eyeless fish _____ in dark caves.

- v.* to develop gradually, or to cause the development of something or someone gradually

138. There is plenty of space to _____ everyone.

- v.* to place a dead body in the ground, grave, or tomb

139. The building has become a _____ for fans of the movie.

- n.* a city and administrative center of the Mecca Province of Saudi Arabia and the holiest city in Islam

140. The new software will streamline the workflow, _____ increasing productivity.

- adv.* as a result; consequence of a particular action or set of conditions

141. The project's _____ made it difficult for the team to complete it on time.

- n.* the state or quality of being complicated or intricate and difficult to understand

142. She is a hard worker but not very _____.

- adj.* having or showing new and creative ideas

ANSWERS: 135. railway, 136. ecosystem, 137. evolved, 138. bury, 139. mecca, 140. thereby, 141. complexity, 142. imaginative

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

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

144. In southward, the average annual water _____ increases.

n. the amount or number of something; magnitude

145. The food at the restaurant was _____ and overpriced.

adj. of poor quality; not satisfactory

146. Sugar is _____ in food.

adj. being or existing everywhere at once

147. _____ and weather have an impact on every part of our lifestyles.

n. the weather in a particular location averaged over some long period

148. The experiment was _____ several times to ensure accuracy.

v. to make an exact copy of something; to repeat a process or experiment to confirm the results

149. If you leave the milk out of the refrigerator for too long, it will _____.

v. to ruin the taste, appearance, or quality of something; to become or cause something to become rotten or bad

150. There are _____ methods for dealing with stress.

adj. too numerous to be counted or very many

151. He carefully determined the _____ relations of every piece of the stage set.

adj. of or relating space and the position, area, and size of things

ANSWERS: 143. mineral, 144. quantity, 145. crappy, 146. ubiquitous, 147. Climate, 148. replicated, 149. spoil, 150. countless, 151. spatial

152. The fossilized _____ was over 500 million years old.

n. a type of extinct arthropod that lived in the oceans of the Paleozoic Era, characterized by a three-lobed body shape and a hard exoskeleton

153. The government should do more to support environmentally _____ agriculture.

adj. able to continue or be continued for a long time

154. _____ robots that can cooperate with humans have limited motor output for safety.

adj. having the capacity for thought and reason, especially to a high degree

155. Her concept is highly _____ and helpful.

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

156. The food chain causes a material _____.

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

157. Nevada is _____ a desert state.

adv. virtually entirely; to a large degree

158. I regretted making an _____ mistake in my final exam.

adj. causing fear, dread, or terror; very bad or unpleasant

159. The truth was more _____ than expected.

adj. very strange or unusual

ANSWERS: 152. trilobite, 153. sustainable, 154. Intelligent, 155. practical, 156. cycle, 157. largely, 158. awful, 159. bizarre

160. 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

161. She _____ the atmosphere of the pre-war age with her stage setting.

- v.* to make something that existed previously happen or appear to exist again

162. After the earthquake, many of the buildings in the city were left in ruins and began to _____.

- v.* to break down or cause to break down over time into simpler substances or elements

163. She _____ the money from her savings account to her checking account.

- v.* to move, pass, or change from one person, place, or situation to another

164. He spent only a _____ of his earnings.

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

165. The dead body was in an advanced state of _____.

- n.* the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes

166. She agreed to _____ with him in creating new artwork.

- v.* to work with someone else to produce or achieve something

167. The _____ between the coral and the algae is an important example of mutualism.

- n.* a close, prolonged association between two or more different species of organisms, typically to the advantage of all

ANSWERS: 160. protein, 161. recreated, 162. decompose, 163. transferred, 164. fraction, 165. decay, 166. collaborate, 167. symbiosis

168. Grilled _____ is a popular dish at summer barbecues.

- n.* a type of fish that is commonly found in the North Atlantic and North Pacific oceans

169. The investigation _____ several government agencies and is expected to take several months.

- v.* to include or affect someone or something as a necessary part of something else

170. I was able to _____ the moment on film.

- v.* to catch a person or an animal and confine them in an area which they cannot escape

171. The national election was held amid _____ security.

- adj.* fixed, fastened, or kept together firmly or closely

172. His _____ showed highly positive results.

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

173. The _____ of the mushroom spread through the soil, absorbing nutrients.

- n.* the vegetative part of a fungus, consisting of a mass of branching, thread-like hyphae

174. A _____ of economic advisers from the United States visited the country to help rebuild its economy.

- n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something

175. I always wear _____ when I go outside, even in the summer.

- n.* an item of clothing that covers the lower part of the body and each leg separately, typically with a waistband and two legs

ANSWERS: 168. salmon, 169. involves, 170. capture, 171. tight, 172. experiments, 173. mycelium, 174. panel, 175. pants

176. The city is a true _____ with a diverse population and bustling streets.

adj. of or relating to a large city or a city that is considered to be the cultural or economic center of a region or country

177. 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

178. Eventually, the new design will _____ all older models.

v. to take the place of something

179. The _____ in the light bulb burned out, and now it's not working.

n. a thin wire or thread, especially one used to produce light in an electric bulb

180. The _____ properties of stem cells make them a promising area of research.

adj. tending to regrow or restore lost or injured tissue

181. 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

182. The _____ number on the dial was 3.

adj. similar to, connected with, or accompanying something, especially in position or purpose

ANSWERS: 176. metropolitan, 177. inspired, 178. replace, 179. filament, 180. regenerative, 181. rubbed, 182. corresponding