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Amanda Little: Climate change is becoming a problem you can taste | TED Talk

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

All Words

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Session 1: Word List

pandemic

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

synonym: outbreak

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

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

chef

n. a cook, especially the chief cook in a restaurant or hotel

synonym: cook, culinary artist, gastronomer

(1) **chef** knife, (2) master **chef**

The **chef** at the restaurant was known for his creative and delicious dishes.

circulate

v. to move continuously or freely around a place or closed system

synonym: flow, disperse, rotate

(1) **circulate** a rumor, (2) **circulate** an agenda before the meeting

The fan **circulates** the air in the room quickly.

symbolize

v. to represent or stand for something else, particularly an abstract concept or idea; to be an emblem or sign of something

synonym: represent, signify, emblemize

(1) **symbolize** hope, (2) **symbolize** freedom

In many cultures, the color white **symbolizes** purity and innocence.

modern

adj. of or belonging to the present time or recent times

synonym: contemporary, stylish, current

(1) **modern** poetry, (2) pre- **modern** agricultural society

Their headquarters are in a **modern** skyscraper.

crisis

n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

synonym: concern, problem, emergency

(1) financial **crisis**, (2) **crisis** management

The Chinese word for **crisis** comprises two characters, one for danger and the other for opportunity.

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**.

cafeteria

n. a restaurant where customers serve themselves from a counter and pay for what they have taken, often found in factories, colleges, hospitals, etc.

synonym: canteen, mess hall, restaurant

(1) **cafeteria** lunch, (2) office **cafeteria**

The university's **cafeteria** was busy with students and staff grabbing a quick lunch.

stadium

n. a large, usually roofless building with tiers of seats for spectators at sports or other events

synonym: arena, field, park

(1) **stadium** seating, (2) **stadium** capacity

The baseball **stadium** was filled with excited fans eagerly

awaiting the start of the game.

consume

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

synonym: absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity
A smaller car will **consume** less fuel.

devastating

adj. causing a great deal of destruction or damage

synonym: destructive, annihilative, disastrous

(1) have **devastating** effects, (2) treat this **devastating** disease

This typhoon was the most **devastating** in years.

prosperous

adj. successful financially or materially; bringing success or good fortune

synonym: successful, thriving, affluent

(1) **prosperous** weather, (2) **prosperous** nation

The company decided to invest in a **prosperous** industry.

technological

adj. based on scientific and industrial progress

synonym: specialized, technical

(1) **technological** advancement, (2) **technological** policy
Technological advances have disrupted many industries.

advance

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

synonym: progress, boost, come along

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

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

tweet

n. a short, high sound made by a small bird; a message sent using Twitter, the social media application

synonym: peep, chirp, post (on Twitter)

(1) a chick's **tweet**, (2) his latest **tweets**

We could hear the **tweet** of baby birds.

pound

n. the standard unit of money in the UK; the standard unit of weight equal to 16 ounces

(1) three-fourths of a **pound**, (2) thousands of **pounds**

The car's front bumper cost fifteen hundred **pounds**.

chuck

v. to throw something carelessly or casually; to get rid of something or someone

synonym: toss, throw, discard

(1) **chuck** the ball across the yard, (2) **chuck** my job

I will **chuck** these old shoes in the trash and buy a new pair.

critic

n. someone who expresses opinions about the quality of books, music, etc.

synonym: pundit, analyst, attacker

(1) art **critic**, (2) severe **critic**

Advocates for legal reform hear less harsh words from their **critics**.

shortfall

n. the amount by which something falls short of its target or goal; a deficit or shortage in quantity, quality, or standards

synonym: deficit, shortage, insufficiency

(1) energy **shortfall**, (2) production **shortfall**

The company experienced a significant financial **shortfall** last quarter.

coronavirus

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

synonym: covid

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

bankruptcy

Considering the situation of **coronavirus**, organized stopped

this year's beer festival.

paralyze

v. to cause a person or part of the body to become unable to move or feel

synonym: immobilize, disable, numb

(1) **paralyze** a city, (2) **paralyze** a person

The venom from the snake bite **paralyzed** his arm.

vulnerable

adj. capable of being hurt or influenced physically or mentally

synonym: susceptible, exposed, weak

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

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

predict

v. to state beforehand that something will happen in the future, mainly based on knowledge or experience

synonym: forecast, anticipate, foresee

(1) **predict** the future, (2) **predict** when she will arrive

It's notoriously challenging to **predict** birth rates.

relate

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

synonym: connect, link, associate

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

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

mortality

n. the quality or state of being subject to death

synonym: fatality

(1) **mortality** due to cancer, (2) lower infant **mortality**

This disease has a high **mortality**.

disrupt

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

synonym : interrupt, disturb, break into

(1) **disrupt** a well-ordered condition, (2) **disrupt** sleep
I'm so sorry to **disrupt** you when you're pretty busy.

chronic

adj. being long-lasting and recurrent or characterized by long suffering; habitual

synonym : established, regular, constant

(1) risk of **chronic** disease, (2) **chronic** alcohol consumption

Chronic hyperglycemia is a trigger for a variety of serious diseases.

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.

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.

drought

n. a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation

synonym : dryness, aridity, water shortage

(1) periods of **drought**, (2) **drought** conditions

The region has been experiencing a severe **drought**, leading to water shortages and crop failures.

avocado

n. a pear-shaped fruit with a hard skin and buttery flesh, commonly eaten raw in salads, sandwiches, or as guacamole

synonym : alligator pear, butter pear, midshipman's butter

(1) **avocado** toast, (2) **avocado** smoothie

I love adding **avocado** to my salads for that extra creaminess.

almond

n. a type of nut that comes from the almond tree widely cultivated for its edible seeds, which is enclosed in a hard, ridged outer casing called a shell, that can be eaten raw or roasted and is often used in baking and as an ingredient in various dishes

synonym : nut, kernel, seed

(1) **almond** milk, (2) **almond** butter

I love snacking on **almonds** for a healthy and delicious snack.

citrus

n. a group of fruits that belong to the citrus family, including oranges, lemons, limes, and grapefruits; the trees that bear these fruits

synonym : orange, lemon, lime

(1) **citrus** trees, (2) **citrus** scent

Citrus fruits like oranges and lemons are high in vitamin C.

strawberry

n. a sweet, juicy fruit with a reddish color, a seeded surface, and a green, leafy top

(1) the **strawberry** pie, (2) **strawberry** greenhouse

He had a **strawberry** smoothie for breakfast.

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.

flood

n. a large amount of water flowing beyond its normal limits; an overwhelming number or amount

synonym : deluge, downpour, overflow

(1) **flood** advisory, (2) a **flood** of questions

These heavy rains caused flash **floods** on several islands.

superstorm

n. an extremely large and powerful storm, typically characterized by high winds, heavy rain or snow, or destructive storm surges

synonym: hurricane, cyclone, typhoon

(1) **superstorm** damage, (2) **superstorm** preparation

The coastal town's residents were urged to evacuate ahead of the **superstorm**.

invasive

adj. spreading very quickly, and often aggressively, and difficult to stop

synonym: aggressive, rampant, spreading

(1) **invasive** breast cancer, (2) **invasive** species

The **invasive** disease can spread quickly and potentially cause a global pandemic.

insect

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

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

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

bacteria

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

synonym: microorganism, microbe

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

Bacteria prevalent in hospitals are often resistant to antibiotics.

blight

v. to have a detrimental effect on something, typically causing it to deteriorate or fail; (noun) any plant disease resulting in withering without rotting

synonym: devastate, ruin, decimate

(1) **blight** his life, (2) **blight** a crop

The abandoned factory was **blighted** by vandalism and graffiti.

shifting

adj. constantly changing or moving

synonym : unfirm, shifty, fluctuating

(1) **shifting** balance, (2) continuously **shifting** landscape

Trends in the fashion industry are so **shifting** that it is challenging to keep up with them.

volatile

adj. likely to change rapidly or unexpectedly, or being unstable or explosive

synonym : unstable, unpredictable, explosive

(1) highly- **volatile** elements, (2) **volatile** markets

Their relationship was **volatile** and prone to sudden outbursts of anger.

upshot

n. the outcome or consequence of something, especially a complex or lengthy process or event; the result or conclusion that is reached

synonym : result, consequence, outcome

(1) in the **upshot**, (2) the **upshot** of the research

The **upshot** of the meeting was that the project would be delayed by a few months.

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.

threshold

n. the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation

synonym : anteroom, brink, verge

(1) the **threshold** between rooms, (2) high pain **threshold**
She's on the **threshold** of adulthood.

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.

threat

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

synonym: menace, danger, hazard

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

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

collapse

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

synonym: tumble, spill, bankruptcy

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

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

exposed

adj. having no protection or shield from something, such as bad weather, attack, or criticism

synonym: endangered, revealed, disclosed

(1) **exposed** to radiation, (2) an **exposed** rock

Tech companies often employ **exposed** ducts and other materials in their office interiors.

chain

n. a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

synonym: series, string, link

(1) **chain** reaction, (2) supply **chain**

The **chain** on my bike broke, leaving me stranded.

antiquated

adj. outdated or old-fashioned

synonym : old-fashioned, outdated, obsolete

(1) **antiquated** system, (2) have an **antiquated** custom

The factory was forced to shut down due to its **antiquated** equipment.

adapt

v. to make fit for or change to suit a new purpose or environment

synonym : adjust, acclimate, accustom

(1) **adapt** fully to the environment, (2) **adapt** as needed

I advised him to **adapt** to his new surroundings.

preempt

v. to act in advance to prevent something or to replace it with something else

synonym : forestall, head off, anticipate

(1) **preempt** a financial crisis, (2) **preempt** trouble

The government **preempted** the release of sensitive information.

define

v. to state or explain precisely the nature, scope, or meaning of something

synonym : characterize, depict, express

(1) **define** a word, (2) **define** my position

To advance this discussion, we must **define** "success" rigorously.

progression

n. the act or process of changing to the next stage or phase or moving forward

synonym : advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease

The company has made great strides in its **progression** toward sustainability.

entrepreneur

n. an individual who creates or invests in one or more businesses, especially when this involves taking financial risks

synonym : founder, executive

(1) a successful **entrepreneur**, (2) billionaire **entrepreneur**
Entrepreneurs willingly accept business risks to achieve success.

academic

adj. associated with schools, colleges, and universities, especially studying and thinking, not with practical skills

synonym : educational, scholarly, theoretical

(1) **academic** probation, (2) an **academic** discussion
An excellent historian must possess an **academic** mentality.

radical

adj. relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions

synonym : extreme, revolutionary

(1) a **radical** flaw in the plan, (2) a **radical** cure
The government established by the coup was more **radical** than before.

rethink

v. to consider again a plan, idea, etc., especially to change it

synonym : reexplore, review, reconsider

(1) **rethink** a marketing plan, (2) **rethink** the role of the manager
We have to **rethink** our company's product lineup for further growth.

nation

n. a large organized community of people living in a particular country or region and having a particular culture

synonym : country, state, sovereign entity

(1) **nation-state**, (2) a seafaring **nation**
The **nation** of Japan is known for its unique culture and advanced technology.

principle

n. a fundamental law or truth that explains or controls how something happens or works

synonym: rule, creed, code

(1) **principle** of treatment, (2) **principle** in business

Efficiency isn't an essential **principle** here; fairness is.

ecology

n. the study of the relationships between living organisms, including humans, and their physical environment

(1) science of **ecology**, (2) the **ecology** of the island

Many companies are now enthusiastically embracing the knowledge of **ecology** for sustainable development.

state-of-the-art

adj. characterized by the use of the latest and most advanced technology or methods; cutting-edge

synonym: advanced, cutting-edge, innovative

(1) **state-of-the-art** technology, (2) **state-of-the-art** software

The hospital has **state-of-the-art** equipment and facilities to ensure the best healthcare for its patients.

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**.

intensify

v. to increase or make something increase in extent or strength

synonym: amplify, boost, strengthen

(1) **intensify** diplomatic efforts, (2) **intensify** a good relationship

Rebels have pledged to **intensify** the armed struggle against the dictatorship.

fate

n. the development of events beyond one's control; destiny; the ultimate outcome or consequence of a

situation or person's actions

synonym: destiny, fortune, karma

(1) **fate** of nations, (2) accept my **fate**

The fortune teller predicted his **fate** and warned him of the looming danger.

orchard

n. a piece of land that is planted with fruit trees, such as apples, pears, or cherries

synonym: grove, plantation, fruit garden

(1) local apple **orchard**, (2) **orchard** tree

The farmer owns an **orchard** where he grows apples, pears, and plums.

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.

foodscape

n. the physical, cultural, and socio-economic landscape of food and food production, including the cultivation, processing, distribution, consumption, and disposal of food

(1) **foodscape** design, (2) urban **foodscape**

Agricultural policies affect the **foodscape** of a country by influencing what crops are grown and, thus, consumed.

investigate

v. to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

synonym: examine, analyze, look into

(1) **investigate** the matter, (2) **investigate** a data leak

The committee **investigated** several apparent inconsistencies.

vertical

adj. upright or perpendicular to a horizontal surface or line
synonym : perpendicular, upright, plumb

(1) **vertical** takeoff, (2) **vertical** axis

The ladder leaned against the **vertical** surface of the building.

edible

adj. fit or safe to be eaten; able to be consumed as food
synonym : esculent, comestible, digestible

(1) non- **edible** ingredients, (2) **edible** vegetables

I made sure to pick only **edible** mushrooms for our dinner.

permaculture

n. a system of agricultural and ecological design that aims to create sustainable, self-sufficient ecosystems by working with natural processes and relying on renewable resources

synonym : sustainable agriculture, natural farming

(1) **permaculture** principles, (2) **permaculture** garden

The **permaculture** community emphasizes the importance of working with, not against, nature.

ancient

adj. relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

synonym : archaic, age-old, obsolete

(1) pre-Christian **ancient**, (2) **ancient** stories

They have been living near water since **ancient** times.

emergence

n. the process or fact of coming into existence or becoming apparent

synonym : appearance, emergence, rise

(1) **emergence** as a national leader, (2) re- **emergence** of rampant inflation

The **emergence** of a new virus can cause concern for public health.

synthesis

n. the combination of components or elements to form a more complex whole; the creation of something new

through combining parts or elements

synonym: combination, integration, compound

(1) **synthesis** of ammonia, (2) protein **synthesis** inhibitor

The chemical **synthesis** of the new drug was a breakthrough in medical research.

tradition

n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

synonym: custom, practice, ritual

(1) a **tradition** of a culture, (2) against **tradition**

It is a **tradition** in many families to have a big Thanksgiving dinner with all their relatives.

controversy

n. a lot of discussion and argument about something, often involving strong feelings of anger or disapproval

synonym: disagreement, dispute, argument

(1) **controversy** among researchers, (2) arouse **controversy**

They entered into **controversy** with the member of the ruling party.

ripe

adj. (of fruit or crops) fully developed and ready to be eaten or harvested

synonym: mature, ready, developed

(1) a **ripe** old age, (2) **ripe** tomato

The fruit was **ripe** and ready to eat.

reinvent

v. to change something so drastically that it looks to be completely new

synonym: recreate, remake, revive

(1) **reinvent** local dishes, (2) **reinvent** our life

They have tried to **reinvent** their grocery stores.

proclaim

v. to announce or state something publicly and forcefully

synonym: announce, declare, trumpet

(1) **proclaim** victory, (2) **proclaim** law

The leader **proclaimed** a state of emergency in the country.

invest

v. to put money, effort, time, etc. into something to make a profit or achieve a result

synonym: fund, sponsor, support

(1) **invest** in stocks, (2) **invest** capital

The government should view children as national assets and actively **invest** in them.

sustainable

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

synonym: continuable, endurable, tolerable

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

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

advocate

n. a person who supports or suggests an idea, development, or way of doing something

synonym: proponent, exponent, promoter

(1) an **advocate** of disarmament, (2) public education **advocates**

Advocates of abolishing the death penalty often argue that the alternative heaviest sentence should be life in prison.

bristle

n. a stiff, short hair on a mammal's skin or a natural or artificial brush; a stiff, sharp point on a plant such as a thorn or a prickle; (verb) to react defensively to something; to stand up stiffly and be rigid

synonym: spike, prickle, hair

(1) **bristle** brush, (2) **bristle** with anger

The dog's **bristle** on its back stood up as it growled at the mailman.

invention

n. the creation of a new device or process resulting from study and experimentation; the act of inventing

synonym: creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**
Necessity is the mother of **invention**.

argue

v. to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

synonym: debate, dispute, quarrel

(1) **argue** a case, (2) **argue** passionately

The couple began to **argue** over which restaurant to go to for dinner.

industrial

adj. of or relating to or resulting from industry

synonym: manufacturing, mechanical

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

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

revolution

n. a large-scale attempt to overthrow the government of a country, often using violence or war;

synonym: coup, innovation, rebellion

(1) beginning of the industrial **revolution**, (2) a political **revolution**

The **revolution** by the citizen resulted in a redistribution of wealth.

dynamics

n. the branch of mechanics that deals with the motion of bodies under the action of forces, including the particular case in which a body remains at rest; forces that produce or stimulate movement, growth, or change

synonym: mechanics, kinetics, kinematics

(1) **dynamics** of group, (2) **dynamics** of economy

The relationship **dynamics** between the two countries were complex and constantly changing.

organic

adj. of or derived from biological substance; producing plants and animals for food and other items without the use of

synthetic chemicals

synonym : biological

(1) **organic** soils, (2) eat **organic** food

The kidney is an **organic** component of the body.

skeptic

n. a person who doubts or questions the truth of specific claims, beliefs, or doctrines, especially those in religion or the supernatural

synonym : doubter, disbeliever, questioner

(1) an ingrained **skeptic**, (2) climate **skeptic**

He was a **skeptic** who doubted the existence of supernatural phenomena.

inevitably

adv. in a manner that cannot be avoided or prevented

synonym : unavoidably, necessarily, surely

(1) **inevitably** decline with age, (2) **inevitably** reach the consumer

Because of his excellent performance, he will **inevitably** be promoted.

affordable

adj. not expensive and able to pay

synonym : cheap, reasonable, inexpensive

(1) **affordable** housing, (2) **affordable** solution

The automaker has been providing **affordable** car financing options since last year.

rift

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

synonym : split, break, gap

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

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

rage

n. a strong feeling of anger or violence

synonym : fury, anger, outrage

(1) uncontrollable **rage**, (2) fall into a **rage**

She was filled with a burning **rage** at the injustice she had witnessed.

covet

v. to strongly desire or crave something, particularly something that belongs to someone else; to have an excessive or envious desire for

synonym: desire, yearn, crave

(1) **covet** wealth, (2) **covet** fame

She couldn't help but **covet** her friend's designer handbag.

observe

v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

synonym: watch, monitor, scrutinize

(1) **observe** a tradition, (2) **observe** wildlife

It is important to **observe** safety procedures in the workplace to prevent accidents.

binary

n. a system of numbers that uses only two digits, 0 and 1

synonym: twofold, double

(1) a **binary** number, (2) trading in **binary** options

A **binary** star is a system in which two stars revolve around each other.

wisdom

n. the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions

synonym: sagacity, discernment, insight

(1) a fountain of **wisdom**, (2) **wisdom** literature

The community greatly respected and sought after the older adult's **wisdom**.

forge

v. to fashion or shape metal by heating it and hammering it into shape; to create or develop something new or original; to form strong bonds or relationships with others

synonym: create, build, establish

(1) **forge** an alliance, (2) **forge** iron

She had to **forge** her father's signature on the permission slip because he was out of town.

improve

v. to make or become better

synonym: enhance, ameliorate, enrich

(1) **improve** a process, (2) **improve** the test score

We want to **improve** ties between our two countries.

harvest

n. yields of plants in a single growing season; the period of the year when gathering occurs on a farm

synonym: crop, reaping, yield

(1) a scanty **harvest**, (2) reap a **harvest**

During **harvest**, farmers are incredibly busy.

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.

underlying

adj. significant as a cause or basis of something but not immediately apparent or stated clearly

synonym: fundamental, latent, basic

(1) an **underlying** motive, (2) an **underlying** cause of an accident

The **underlying** principle of every business was identical.

belong

v. to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place

synonym: fit, be appropriate, be suitable

(1) **belong** to different species, (2) **belong** to a group

All the books in this section **belong** to the library's rare collection and must be handled carefully.

vegan

n. a person who does not eat or use any animal products, typically for ethical or environmental reasons

(1) raw food **vegan**, (2) **vegan** lifestyle

The **vegan** diet is based on plant-based foods.

lapse

n. a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended

synonym: break, failure, blunder

(1) **lapse** back into recession, (2) **lapse** in payment

I missed the deadline due to a **lapse** in my memory.

vegetarian

n. a person who does not eat meat or fish, or often any animal products, for health or religious reasons

(1) eat a **vegetarian** diet, (2) a strict **vegetarian**

This restaurant has **vegetarian** dishes as well.

backyard

n. a whole space behind and belonging to a house

synonym: courtyard, garden

(1) play in the **backyard**, (2) **backyard** barbecue

He grows vegetables in his **backyard**.

hell

n. the place thought to be where bad people go and are punished after death, often depicted as being located beneath the earth; an extraordinarily unpleasant or difficult place

synonym: inferno, agony, misery

(1) run like **hell**, (2) **hell** broke loose

The battlefield became **hell** on earth.

merge

v. to combine or integrate things, or to cause this to happen

synonym: combine, join, coalesce

(1) **merge** into a new party, (2) **merge** those systems into a new one

This consulting firm decided to **merge** the two companies into one.

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.

rely

v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

synonym: depend, count, lean

(1) **rely** on convenience stores, (2) **rely** entirely on him

Babies heavily **rely** on others for food.

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.

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.

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.

silicon

n. a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers

(1) **silicon** wafer, (2) crystalline **silicon**

Silicon is the second most abundant element on earth after oxygen.

valley

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

synonym : canyon, gorge, dale

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

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

develop

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

synonym : evolve, progress, advance

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

We must **develop** a new system to streamline our workflow and increase efficiency.

robotic

adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

synonym : automated, mechanical, laborsaving

(1) **robotic** arm, (2) **robotic** guide operation

The surgeon removed the tumor using **robotic** video assistance.

weed

n. a wild plant growing where it is not wanted and in competition with cultivated plants

synonym : plant, grass, shrub

(1) pull up a **weed**, (2) **weed** management

The garden was full of **weeds** that needed to be pulled.

spray

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

synonym : mist, aerosol, atomizer

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

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

maid

n. a girl or young woman employed to do domestic work

synonym : servant, housekeeper, domestic

(1) **maid** service, (2) a waiting **maid**

The live-in **maid** came in to clean the room every day.

voyage

n. a long journey, especially by sea or in space

synonym : journey, trip, excursion

(1) a **voyage** of discovery, (2) take a **voyage**

The astronaut trained for years before embarking on her **voyage** to the International Space Station.

battalion

n. a large, organized military unit composed of several companies, typically commanded by a lieutenant colonel or a major

synonym : unit, regiment, squad

(1) infantry **battalion**, (2) armored **battalion**

The enemy forces were no match for the well-trained **battalion**.

march

v. to walk militarily with stiff, regular steps

synonym : parade

(1) **march** against the war, (2) **march** east

The troops **marched** shoulder-to-shoulder.

pincers

n. a tool or instrument with two limbs or jaws that are jointed together and used for gripping and holding objects; the claws or appendages of certain creatures that are used for grasping, gripping, or crushing

synonym: pliers, tweezers, forceps

(1) scorpion **pincers**, (2) grip with **pincers**

The handyman used his trusty **pincers** to remove the rusty nails from the old boards.

pluck

v. to pull or draw something, especially with sudden force or effort; to strip of feathers

synonym: grab, pull out, pick

(1) **pluck** a gray hair, (2) **pluck** out weeds

She **plucked** the flowers off the bush.

tractor

n. a powerful vehicle with large back wheels and thick tires, used for pulling farm machines

(1) two-wheel **tractor**, (2) **tractor** engine

The farming **tractor** had been damaged by rough usage.

hoop

n. a circular band or ring, often made of metal or wood, used as a toy, a part of the equipment, or a decoration

synonym: ring, circle, band

(1) **hoop** earring, (2) basketball **hoop**

The circus clown jumped through a fiery **hoop** as the audience gasped in amazement.

vision

n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

synonym: sight, image, concept

(1) a prodigious **vision**, (2) telescopic **vision**

Driving is difficult for me because of my poor **vision**.

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.

distinguish

v. to notice or understand the difference between two people or things

synonym : determine, differentiate, characterize

(1) **distinguish** these two things, (2) **distinguish** man from the other animals

This study **distinguished** four different ways to run a business.

deploy

v. to move troops or weapons into a position or military action; to bring into something in an effective way

synonym : set up, expand, launch

(1) **deploy** troops for battle, (2) **deploy** safety measures

This country **deployed** its weapons in the east region.

snipe

v. to make a sly or spiteful remark, often in a concealed or indirect way; to target someone with an unfair or unwarranted attack or criticism

synonym : criticize, disparage, sharpshoot

(1) **snipe** at the suspect, (2) **snipe** at each other

The politician **sniped** at his opponent during the debate.

precision

n. the quality or condition of being exact and accurate

synonym : accuracy, exactness, rigor

(1) a **precision** instrument, (2) speak with **precision**

This operation requires both patience and **precision**.

jet

n. a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances

synonym : plane, aircraft, flier

(1) private **jet**, (2) commercial **jet**

The **jet** flew over the ocean at high speed, reaching its destination in hours.

concentration

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

synonym: attention, engagement, assiduity

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

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

fertilizer

n. a natural or chemical substance added to soil to make plants grow more successfully

synonym: manure

(1) a chemical **fertilizer**, (2) nonsynthetic **fertilizer**

Nitrogen fixation by the Haber-Bosch method leads to the mass production of **fertilizers**.

herbicide

n. a substance used to kill or control the growth of unwanted plants

synonym: weedkiller, pesticide, chemical

(1) banned **herbicide**, (2) **herbicide** resistance

The farmer sprayed **herbicide** on his crops to kill weeds.

incinerate

v. to burn something, especially waste material completely

synonym: burn

(1) **incinerate** waste, (2) the power to **incinerate** nations

For safety reasons, we must completely **incinerate** contaminated protective clothing.

broadcast

v. to send out a program or some information on radio or television

synonym: air, announce, advertise

(1) **broadcast** a concert, (2) **broadcast** a radio ad

Most of the programs are **broadcast** in this area.

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.

acre

n. a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)

(1) half- **acre** parcel, (2) an **acre** of forest

The farm covers over 200 **acres** of land.

exciting

adj. causing a lot of interest or excitement

synonym : exhilarating, stimulating, thrilling

(1) **exciting** football player, (2) **exciting** news

The findings of the experiment were both **exciting** and unexpected.

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.

individually

adv. separately or apart from others

synonym : separately, one by one, independently

(1) answer questions **individually**, (2) **individually** designed product

Each department has done its product costing **individually**.

fungicide

n. a substance or chemical used to kill or inhibit the growth of fungi, typically used in agriculture, horticulture, or the treatment of fungal infections in humans or animals

synonym : antifungal, fungistat

(1) apply **fungicide**, (2) agricultural **fungicide**

The plant nursery sprayed **fungicide** on their seedlings to

prevent damping-off disease.

insecticide

n. a substance used to kill insects

synonym : pesticide, bug-killer, rodenticide

(1) **insecticide** spray, (2) **insecticide** residue

The farmer sprayed the crop with **insecticide** to protect it from pests.

basis

n. the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

synonym : foundation, base, ground

(1) on an equal **basis**, (2) **basis** for calculation

This evidence will form the **basis** for our discussion.

eventually

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

synonym : finally, someday, ultimately

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

The corporation **eventually** dominated the entire tobacco business.

specific

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

synonym : particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations

The scientist conducted a study that provided **specific** details about the species' behavior.

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.

intercrop

v. to grow or cultivate two or more crops simultaneously on the same land, often to increase yield or improve soil quality

synonym : interplant

(1) **intercrop** tomatoes with basil, (2) **intercrop** lettuce and radishes

Farmers often **intercrop** their fields with complementary crops to improve soil health and yield.

mimic

v. to imitate someone's speech, movement, or behavior, especially to make others laugh

synonym : mirror, imitate, ape

(1) **mimic** a human voice, (2) **mimic** numerous instruments

He is very popular at school because he can **mimic** all the teachers' accents.

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.

embodiment

n. someone or something that precisely expresses a characteristic or an idea

synonym : image, avatar, incarnation

(1) **embodiment** of evil, (2) illustrative **embodiment**

The devil is the **embodiment** of wicked ideas.

crop

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

synonym : output, produce, product

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

Sow early for an early **crop**.

crucial

adj. extremely vital or necessary

synonym : essential, pivotal, vital

(1) **crucial** information, (2) a **crucial** issue for women
The revitalization of technology companies is **crucial** to the country's growth.

decentralize

v. to move the power, control, or authority of an organization, government, or system from a single place to several smaller ones

synonym: deconcentrate, disperse, distribute

(1) **decentralize** authority, (2) **decentralize** organizational structure

We need to **decentralize** our data to recover quickly from a disaster.

steel

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

synonym: iron

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

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

jersey

n. a knitted garment typically made of wool or cotton, worn as a shirt or pullover

synonym: shirt, sweater, top

(1) **jersey** material, (2) fabric of the **jersey**

I always wear my favorite basketball player's **jersey** to the games.

aeroponic

adj. relating to a technique of growing plants without soil by suspending the roots in a mist or aerosol of nutrients

synonym: aerospace, hydroponic, mist

(1) **aeroponic** vegetable, (2) **aeroponic** garden

An **aeroponic** system uses mist to grow plants.

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.

locate

v. to specify or determine the exact position of someone or something

synonym : discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

eliminate

v. to remove or get rid of someone or something

synonym : wipe out, destroy, eradicate

(1) **eliminate** contestants, (2) **eliminate** sexual barriers

We can **eliminate** this possibility from those consumptions.

strike

v. to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon

synonym : hit, impact, influence

(1) **strike** up a conversation, (2) **strike** a blow

We **strike** to achieve more wages and safer working conditions.

creepy

adj. causing an uneasy feeling of fear or unease

synonym : eerie, unsettling, spooky

(1) feel **creepy**, (2) **creepy** atmosphere

The old, abandoned house was **creepy** and gave me the chills.

silent

adj. without any or little sound

synonym : quiet, hushed, mute

(1) **silent** reading, (2) give **silent** consent

The politician remained **silent** despite intense media scrutiny.

oddly

adv. in a way that is unexpected, strange, or peculiar

synonym : strangely, peculiarly, weirdly

(1) behave **oddly**, (2) **oddly** familiar

He walked into the party with an **oddly** dressed companion,

causing everyone to stare.

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**.

innovate

v. to introduce new methods, ideas, or products

synonym: bring in, introduce, found

(1) **innovate** a new method, (2) **innovate** the quality of his life

Companies developing self-driving cars consistently **innovate** the emerging technologies.

elevate

v. to raise something from a lower to a higher position; to give a promotion to or assign to a higher position

synonym: lift, heighten, promote

(1) **elevate** educational standards, (2) **elevate** a close relationship

Eating food in a hurry **elevates** blood glucose levels.

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**.

alternative

n. one of two or more available possibilities or choice

synonym: choice, option

(1) an **alternative** plan, (2) there is no other **alternative**

Doctors are gradually coming around to the idea of using **alternative** medicines.

profoundly

adv. to a great or complete degree; deeply

synonym: deeply, greatly, completely

(1) **profoundly** insightful, (2) sleep **profoundly**

The novel affected her **profoundly**, causing her to question her beliefs and values.

trend

n. a general direction in which something is changing or developing

synonym: direction, movement, tendency

(1) an international **trend**, (2) the **trend** away from television

The oil price continued their downward **trend**.

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.

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.

excite

v. to make someone feel suddenly enthusiastic or eager

synonym: thrill, exhilarate, animate

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

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

journal

n. a newspaper or magazine specialized in a specific topic or profession

synonym: periodical, diary, bulletin

(1) scientific **journal**, (2) **journal** articles

The physician is reading the **journals** related to medicine

clinical

adj. of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

synonym: dispassionate, analytic, scientific

(1) **clinical** surgery, (2) participate in **clinical** trials
She received special **clinical** training at the hospital.

nutrition

n. the substances or the process that organisms take into their bodies as food for their growth and health
synonym : alimentation, nourishment, sustenance

(1) **nutrition** condition, (2) **nutrition** intake
This food contains all the **nutrition** your dog requires.

participate

v. to take part in something
synonym : take part, partake, enter

(1) **participate** fully in conversation, (2) **participate** in the program
The majority of students actively **participated** in the college's intramural sports program.

cholesterol

n. a type of fat that is found in the blood and cells of the body and that is important for many bodily functions but can also contribute to heart disease and stroke when levels are too high
synonym : fat, lipid, sterol

(1) **cholesterol** levels, (2) low **cholesterol**
High levels of **cholesterol** can increase the risk of heart disease.

disease

n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
synonym : illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control
The doctor diagnosed him with a rare **disease** that had no known cure.

astound

v. to surprise or shock someone with wonder very much
synonym : amaze, astonish, surprise

(1) **astound** everyone, (2) **astound** the viewer

The final result was nothing short of **astounding**.

lab *n.* a workplace for the conduct of scientific research; a laboratory

synonym: workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

breast *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth

synonym: bosom, chest, bust

(1) **breast** cancer, (2) the mountain's **breast**

He grilled the **breast** meat of a chicken.

bioreactor *n.* a device or system used to cultivate living cells, tissues, or organisms for industrial or research purposes

synonym: fermenter

(1) **bioreactor** engineering, (2) anaerobic **bioreactor**

The scientists optimized the conditions in the **bioreactor** to increase the yield of the desired product.

tissue *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function

synonym: structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

contamination *n.* the presence of something harmful or unwanted in a substance, material, or environment; the act of introducing harmful substances or materials into an environment or area

synonym: pollution, defilement, infection

(1) **contamination** levels, (2) soil **contamination**

The **contamination** of the water supply led to widespread illness in the community.

emission

n. the act of production or sending out gas, heat, light, etc.
synonym : emanation, radiation, discharge

(1) global **emissions** of greenhouse gases, (2) the **emission** of light

There are five distinct **emissions** at five unique wavelengths.

associate

v. to mentally connect someone or something with someone or something else

synonym : tie in, link, consociate

(1) **associate** alcohol with gambling, (2) **associate** with people widely

The majority of consumers **associate** this brand with quality.

facility

n. a building or place that provides a particular service or is used for a particular industry

synonym : building, structure, installation

(1) a cell phone with an internet **facility**, (2) **facility** design

This company has an entire recycling **facility**, including major reprocessing plants.

supple

adj. flexible and easy to bend or move; gracefully agile; adaptable or responsive to change or new ideas

synonym : flexible, pliable, bendable

(1) **supple** muscles, (2) **supple** leather

The ballerina's **supple** movements left the audience mesmerized.

cardiologist

n. a medical doctor who specializes in the study and treatment of the heart and the circulatory system

synonym : heart doctor, heart specialist, cardiac specialist

(1) **cardiologist** appointment, (2) skilled **cardiologist**

My grandfather is seeing a **cardiologist** to monitor his heart condition.

laboratory

n. a workplace for doing scientific research or teaching science; a lab

synonym : lab, workshop, testing room

(1) **laboratory** accident, (2) anthropology **laboratory**
Animal protection groups call for an end to animal testing in a **laboratory**.

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.

quotation

n. a group of words taken from a text or speech and repeated by someone other than the original author or speaker

synonym: excerpt, passage, quote

(1) double **quotation** marks, (2) take a **quotation**

He included a **quotation** from the book in his essay.

absurd

adj. ridiculously silly, unreasonable, or illogical

synonym: ridiculous, foolish, idiotic

(1) **absurd** storyline, (2) an **absurd** amount of money

We immediately rejected his **absurd** suggestion.

separate

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

synonym: disunite, isolate, ramify

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

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

suitable

adj. fit or appropriate; proper; adapted

synonym: appropriate, fitting, proper

(1) **suitable** amount, (2) date **suitable** to both groups

The dress was **suitable** for the formal occasion.

medium

adj. of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information

synonym : average, intermediate, (noun) channel

(1) **medium** color, (2) an advertising **medium**

The **medium** size shirt fits him perfectly.

quintessence

n. the perfect example of a quality or class

synonym : essence, core, heart

(1) the **quintessence** of virtue, (2) **quintessence** of life

The **quintessence** of the author's writing is the depth of emotion conveyed.

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.

usher

n. a person who shows people to their seats in a theater or church or who guides them through a building

synonym : guide, escort, conductor

(1) act as **usher**, (2) **usher** theater

The uniformed **usher** showed the guests to their seats.

emulate

v. to imitate someone else's achievements to try to do something as well as somebody else

synonym : impersonate, mimic, imitate

(1) **emulate** a successful business model, (2) **emulate** his watercolors

They intend to **emulate** the footsteps of successful software companies.

breed

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

synonym : raise, multiply, reproduce

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

heirloom

n. a valuable object, typically a piece of jewelry, artwork, or household item, that is passed down from generation to generation as a family heirloom; something that has special sentimental or historical value

synonym: heritage, inheritance, legacy

(1) **heirloom** jewelry, (2) family **heirloom**

The family recipe for apple pie has become an **heirloom** tradition.

withstand

v. to resist the effect or impact of something

synonym: endure, bear, resist

(1) **withstand** pressure, (2) **withstand** temptation

The new phone is waterproof and can **withstand** being dropped in water.

AI

n. (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

synonym: robot, machine learning, neural network

(1) **AI** expert, (2) apply **AI** technology to art

The evolution of processors has dramatically improved the performance of **AI**.

aquaculture

n. the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes

synonym: fish farming, mariculture, hydroponics

(1) **aquaculture** industry, (2) sustainable **aquaculture**

Fish farming is a form of **aquaculture** that has recently gained popularity.

conservation

n. the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity

synonym : preservation, protection, saving

(1) soil **conservation**, (2) the **conservation** law of physics

The forest was recently designated a **conservation** area.

graze

v. to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping

synonym : nibble, feed, scrape

(1) turn cattle out to **graze**, (2) **graze** the left shoulder

The sheep **graze** on the green grass in the meadow.

rev

n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

synonym : revolution, RPM, speed

(1) low- **rev** engine, (2) **rev** up the crowd

He stepped on the gas pedal, and the engine released a loud **rev**.

recycle

v. to sort and collect things to process them and produce valuable materials that can be used again

synonym : reclaim, reuse, reprocess

(1) **recycle** the cardboard boxes, (2) **recycle** milk packaging into new paper

We largely **recycle** the circuit board of cell phones because they contain a lot of valuable metals.

sew

v. to join, fasten, or repair two pieces of something by putting the thread through them with a needle

synonym : stitch, darn, tailor

(1) **sew** with thread, (2) **sew** a button

My mother taught me how to **sew**.

proof

n. a fact or piece of information that shows something is true or exists

synonym : testimony, evidence, assurance

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

Proof is better than argument.

humming

adj. producing a continuous, low, vibrating sound like that of the bee

synonym : buzzing, droning, vibrating

(1) **humming** sound, (2) **humming** bird

The **humming** of the bees filled the air as she walked through the garden.

innovation

n. the creation of a new device or process resulting from study and experimentation

synonym : invention, initiation, creation

(1) **innovation** leader, (2) cutting-edge **innovation**

The vegetarian burger was an **innovation** that quickly spread to the United Kingdom.

redefine

v. to change the meaning or interpretation of something; to make people think about something in a new or different way

synonym : reconsider, reformulate, alter

(1) **redefine** customer experience, (2) **redefine** our role

The video telephony application has **redefined** the way we work.

grand

adj. important and large in size, scope, or extent

synonym : impressive, great, ambitious

(1) a **grand** meal, (2) **grand** bargain

This year's **grand** gathering will be held in Canada.

Session 2: Spelling

1. treat this dev_____ng disease *adj.* causing a great deal of destruction or damage
2. su___e muscles *adj.* flexible and easy to bend or move; gracefully agile; adaptable or responsive to change or new ideas
3. global pa____ic *n.* an outbreak of a disease that affects many people over a very wide area
4. toxic ch____als *adj.* relating to or connected with chemistry;
5. inv_____te the matter *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
6. beginning of the ind_____al revolution *adj.* of or relating to or resulting from industry
7. st___e a blow *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
8. fa____ty design *n.* a building or place that provides a particular service or is used for a particular industry
9. con_____ion levels *n.* the presence of something harmful or unwanted in a substance, material, or environment; the act of introducing harmful substances or materials into an environment or area
10. aff_____le housing *adj.* not expensive and able to pay

ANSWERS: 1. devastating, 2. supple, 3. pandemic, 4. chemical, 5. investigate, 6. industrial, 7. strike, 8. facility, 9. contamination, 10. affordable

11. par_____te fully in conversation *v.* to take part in something
12. banned he_____de *n.* a substance used to kill or control the growth of unwanted plants
13. ci_____te an agenda before the meeting *v.* to move continuously or freely around a place or closed system
14. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
15. flu pa_____ic *n.* an outbreak of a disease that affects many people over a very wide area
16. sn__e at the suspect *v.* to make a sly or spiteful remark, often in a concealed or indirect way; to target someone with an unfair or unwarranted attack or criticism
17. la__e in payment *n.* a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended
18. the th_____ld between rooms *n.* the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation
19. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
20. nonsynthetic fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully

ANSWERS: 11. participate, 12. herbicide, 13. circulate, 14. eventually, 15. pandemic, 16. snipe, 17. lapse, 18. threshold, 19. environment, 20. fertilizer

21. im____e a process *v.* to make or become better
22. ine_____ly reach the consumer *adv.* in a manner that cannot be avoided or prevented
23. double qu_____on marks *n.* a group of words taken from a text or speech and repeated by someone other than the original author or speaker
24. ob_____e wildlife *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
25. re_____k a marketing plan *v.* to consider again a plan, idea, etc., especially to change it
26. feel cr____y *adj.* causing an uneasy feeling of fear or unease
27. art cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
28. pull up a w__d *n.* a wild plant growing where it is not wanted and in competition with cultivated plants
29. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
30. em_____ce as a national leader *n.* the process or fact of coming into existence or becoming apparent
31. pa__l discussion *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

ANSWERS: 21. improve, 22. inevitably, 23. quotation, 24. observe, 25. rethink, 26. creepy, 27. critic, 28. weed, 29. complexity, 30. emergence, 31. panel

32. an ac____ic discussion *adj.* associated with schools, colleges, and universities, especially studying and thinking, not with practical skills
33. c__f knife *n.* a cook, especially the chief cook in a restaurant or hotel
34. me____m color *adj.* of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information
35. sup_____rm damage *n.* an extremely large and powerful storm, typically characterized by high winds, heavy rain or snow, or destructive storm surges
36. br____t cancer *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
37. pr_____t trouble *v.* to act in advance to prevent something or to replace it with something else
38. pr_____im law *v.* to announce or state something publicly and forcefully
39. dy_____cs of group *n.* the branch of mechanics that deals with the motion of bodies under the action of forces, including the particular case in which a body remains at rest; forces that produce or stimulate movement, growth, or change
40. half-a__e parcel *n.* a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)

ANSWERS: 32. academic, 33. chef, 34. medium, 35. superstorm, 36. breast, 37. preempt, 38. proclaim, 39. dynamics, 40. acre

41. in the up__t *n.* the outcome or consequence of something, especially a complex or lengthy process or event; the result or conclusion that is reached
42. sta_____art technology *adj.* characterized by the use of the latest and most advanced technology or methods; cutting-edge
43. av_____o toast *n.* a pear-shaped fruit with a hard skin and buttery flesh, commonly eaten raw in salads, sandwiches, or as guacamole
44. a chick's tw__t *n.* a short, high sound made by a small bird; a message sent using Twitter, the social media application
45. im_____e the test score *v.* to make or become better
46. ed___e vegetables *adj.* fit or safe to be eaten; able to be consumed as food
47. co__t fame *v.* to strongly desire or crave something, particularly something that belongs to someone else; to have an excessive or envious desire for
48. di_____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
49. pr_____le of treatment *n.* a fundamental law or truth that explains or controls how something happens or works
50. his latest tw__ts *n.* a short, high sound made by a small bird; a message sent using Twitter, the social media application

ANSWERS: 41. upshot, 42. state-of-the-art, 43. avocado, 44. tweet, 45. improve, 46. edible, 47. covet, 48. disease, 49. principle, 50. tweet

51. as_____te with people widely *v.* to mentally connect someone or something with someone or something else
52. par_____te in the program *v.* to take part in something
53. run like h__l *n.* the place thought to be where bad people go and are punished after death, often depicted as being located beneath the earth; an extraordinarily unpleasant or difficult place
54. cl_____al surgery *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
55. br_____st a concert *v.* to send out a program or some information on radio or television
56. lower infant mo_____ty *n.* the quality or state of being subject to death
57. pro_____ly insightful *adv.* to a great or complete degree; deeply
58. lingual di_____ty *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
59. me__e those systems into a new one *v.* to combine or integrate things, or to cause this to happen
60. the stock market co_____sed *v.* to fall down or give way suddenly, often after breaking apart
61. ma__h against the war *v.* to walk militarily with stiff, regular steps
62. in_____op lettuce and radishes *v.* to grow or cultivate two or more crops simultaneously on the same land, often to increase yield or improve soil quality

ANSWERS: 51. associate, 52. participate, 53. hell, 54. clinical, 55. broadcast, 56. mortality, 57. profoundly, 58. diversity, 59. merge, 60. collapse, 61. march, 62. intercrop

63. an und_____ng cause of an accident
64. al____d milk
65. pr_____t the future
66. a tr_____on of a culture
67. as_____d everyone
68. st__l beam
69. w__d management
70. emb_____nt of evil
71. in_____e a feeling of curiosity
- adj.* significant as a cause or basis of something but not immediately apparent or stated clearly
- n.* a type of nut that comes from the almond tree widely cultivated for its edible seeds, which is enclosed in a hard, ridged outer casing called a shell, that can be eaten raw or roasted and is often used in baking and as an ingredient in various dishes
- v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
- n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
- v.* to surprise or shock someone with wonder very much
- n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
- n.* a wild plant growing where it is not wanted and in competition with cultivated plants
- n.* someone or something that precisely expresses a characteristic or an idea
- v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

ANSWERS: 63. underlying, 64. almond, 65. predict, 66. tradition, 67. astound, 68. steel, 69. weed, 70. embodiment, 71. inspire

72. office ca_____ia *n.* a restaurant where customers serve themselves from a counter and pay for what they have taken, often found in factories, colleges, hospitals, etc.
73. tr_____r engine *n.* a powerful vehicle with large back wheels and thick tires, used for pulling farm machines
74. od__y familiar *adv.* in a way that is unexpected, strange, or peculiar
75. the ec_____y of the island *n.* the study of the relationships between living organisms, including humans, and their physical environment
76. or_____c soils *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
77. co_____e electricity *v.* to spend something, especially fuel, energy, or time, in a large amount
78. bl___t his life *v.* to have a detrimental effect on something, typically causing it to deteriorate or fail; (noun) any plant disease resulting in withering without rotting
79. ex_____ng news *adj.* causing a lot of interest or excitement
80. de___e my position *v.* to state or explain precisely the nature, scope, or meaning of something
81. st_____m capacity *n.* a large, usually roofless building with tiers of seats for spectators at sports or other events

ANSWERS: 72. cafeteria, 73. tractor, 74. oddly, 75. ecology, 76. organic, 77. consume, 78. blight, 79. exciting, 80. define, 81. stadium

82. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
83. participate in cl_____al trials *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
84. el_____e a close relationship *v.* to raise something from a lower to a higher position; to give a promotion to or assign to a higher position
85. documentary pr__f *n.* a fact or piece of information that shows something is true or exists
86. magnetic st__l *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
87. br__d horses *v.* to keep animals for producing offspring in a regulated manner
88. mi__c a human voice *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
89. uncontrollable r__e *n.* a strong feeling of anger or violence
90. better fuel eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
91. sy_____ze freedom *v.* to represent or stand for something else, particularly an abstract concept or idea; to be an emblem or sign of something
92. ob_____e a tradition *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

ANSWERS: 82. complexity, 83. clinical, 84. elevate, 85. proof, 86. steel, 87. breed, 88. mimic, 89. rage, 90. efficiency, 91. symbolize, 92. observe

93. gr__e the left shoulder *v.* to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping
94. reap a ha_____t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
95. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
96. ch_____c alcohol consumption *adj.* being long-lasting and recurrent or characterized by long suffering; habitual
97. em_____e his watercolors *v.* to imitate someone else's achievements to try to do something as well as somebody else
98. jo_____l articles *n.* a newspaper or magazine specialized in a specific topic or profession
99. soil con_____ion *n.* the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity
100. wi_____nd pressure *v.* to resist the effect or impact of something
101. family he_____om *n.* a valuable object, typically a piece of jewelry, artwork, or household item, that is passed down from generation to generation as a family heirloom; something that has special sentimental or historical value

ANSWERS: 93. graze, 94. harvest, 95. environment, 96. chronic, 97. emulate, 98. journal, 99. conservation, 100. withstand, 101. heirloom

102. lab_____ry accident *n.* a workplace for doing scientific research or teaching science; a lab
103. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
104. de_____e his public image *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
105. in_____fy diplomatic efforts *v.* to increase or make something increase in extent or strength
106. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
107. re_____k the role of the manager *v.* to consider again a plan, idea, etc., especially to change it
108. in_____te a new method *v.* to introduce new methods, ideas, or products
109. risk of ch_____c disease *adj.* being long-lasting and recurrent or characterized by long suffering; habitual
110. in_____te the quality of his life *v.* to introduce new methods, ideas, or products
111. fo__e an alliance *v.* to fashion or shape metal by heating it and hammering it into shape; to create or develop something new or original; to form strong bonds or relationships with others

ANSWERS: 102. laboratory, 103. adapt, 104. degrade, 105. intensify, 106. develop, 107. rethink, 108. innovate, 109. chronic, 110. innovate, 111. forge

112. billionaire ent_____eur *n.* an individual who creates or invests in one or more businesses, especially when this involves taking financial risks
113. in_____ve breast cancer *adj.* spreading very quickly, and often aggressively, and difficult to stop
114. per_____ure garden *n.* a system of agricultural and ecological design that aims to create sustainable, self-sufficient ecosystems by working with natural processes and relying on renewable resources
115. a chemical fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully
116. el_____e educational standards *v.* to raise something from a lower to a higher position; to give a promotion to or assign to a higher position
117. bio_____or engineering *n.* a device or system used to cultivate living cells, tissues, or organisms for industrial or research purposes
118. dis_____sh man from the other animals *v.* to notice or understand the difference between two people or things
119. effects of cl_____e change *n.* the weather in a particular location averaged over some long period
120. infantry ba_____on *n.* a large, organized military unit composed of several companies, typically commanded by a lieutenant colonel or a major
121. a bi____y number *n.* a system of numbers that uses only two digits, 0 and 1

ANSWERS: 112. entrepreneur, 113. invasive, 114. permaculture, 115. fertilizer, 116. elevate, 117. bioreactor, 118. distinguish, 119. climate, 120. battalion, 121. binary

122. ad____e the technology *v.* to go or move forward; to develop in a positive way
123. act as us__r *n.* a person who shows people to their seats in a theater or church or who guides them through a building
124. environmental th____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
125. on an equal ba__s *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
126. a strict veg____an *n.* a person who does not eat meat or fish, or often any animal products, for health or religious reasons
127. the tr__d away from television *n.* a general direction in which something is changing or developing
128. s__ls retentive of moisture *n.* the top layer of Earth in which plants grow
129. grip with pi____s *n.* a tool or instrument with two limbs or jaws that are jointed together and used for gripping and holding objects; the claws or appendages of certain creatures that are used for grasping, gripping, or crushing
130. pl__k a gray hair *v.* to pull or draw something, especially with sudden force or effort; to strip of feathers

ANSWERS: 122. advance, 123. usher, 124. threat, 125. basis, 126. vegetarian, 127. trend, 128. soil, 129. pincers, 130. pluck

131. sn__e at each other *v.* to make a sly or spiteful remark, often in a concealed or indirect way; to target someone with an unfair or unwarranted attack or criticism
132. a fountain of wi___m *n.* the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions
133. r_t with age *v.* to decay, or cause something to decay, naturally and gradually
134. s_w a button *v.* to join, fasten, or repair two pieces of something by putting the thread through them with a needle
135. cutting-edge inn_____on *n.* the creation of a new device or process resulting from study and experimentation
136. ins_____de residue *n.* a substance used to kill insects
137. br_____st a radio ad *v.* to send out a program or some information on radio or television
138. ci___s scent *n.* a group of fruits that belong to the citrus family, including oranges, lemons, limes, and grapefruits; the trees that bear these fruits
139. fall into a r__e *n.* a strong feeling of anger or violence
140. ind_____lly designed product *adv.* separately or apart from others
141. cor_____us antibody test kit *n.* a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2

ANSWERS: 131. snipe, 132. wisdom, 133. rot, 134. sew, 135. innovation, 136. insecticide, 137. broadcast, 138. citrus, 139. rage, 140. individually, 141. coronavirus

142. parched s__l *n.* the top layer of Earth in which plants grow
143. cho_____ol levels *n.* a type of fat that is found in the blood and cells of the body and that is important for many bodily functions but can also contribute to heart disease and stroke when levels are too high
144. di_____t a well-ordered condition *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
145. ex_____d to radiation *adj.* having no protection or shield from something, such as bad weather, attack, or criticism
146. global em_____ons of greenhouse gases *n.* the act of production or sending out gas, heat, light, etc.
147. climate sk_____c *n.* a person who doubts or questions the truth of specific claims, beliefs, or doctrines, especially those in religion or the supernatural
148. a facial ti____e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
149. re_____ne the future *v.* to imagine or conceive of something in a new or different way
150. energy sh_____ll *n.* the amount by which something falls short of its target or goal; a deficit or shortage in quantity, quality, or standards

ANSWERS: 142. soil, 143. cholesterol, 144. disrupt, 145. exposed, 146. emission, 147. skeptic, 148. tissue, 149. reimagine, 150. shortfall

151. non-ed___e ingredients *adj.* fit or safe to be eaten; able to be consumed as food
152. dec_____ize organizational structure *v.* to move the power, control, or authority of an organization, government, or system from a single place to several smaller ones
153. pr_____im victory *v.* to announce or state something publicly and forcefully
154. a geometric pr__f *n.* a fact or piece of information that shows something is true or exists
155. de_____e environmental quality *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
156. wi____m literature *n.* the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions
157. thousands of po__ds *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
158. a political rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
159. in_____fy a good relationship *v.* to increase or make something increase in extent or strength
160. pro_____us weather *adj.* successful financially or materially; bringing success or good fortune
161. a pr_____on instrument *n.* the quality or condition of being exact and accurate

ANSWERS: 151. edible, 152. decentralize, 153. proclaim, 154. proof, 155. degrade, 156. wisdom, 157. pound, 158. revolution, 159. intensify, 160. prosperous, 161. precision

162. basketball h__p *n.* a circular band or ring, often made of metal or wood, used as a toy, a part of the equipment, or a decoration
163. r__y entirely on him *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
164. mo___n poetry *adj.* of or belonging to the present time or recent times
165. master c__f *n.* a cook, especially the chief cook in a restaurant or hotel
166. r__t between friends *n.* a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces
167. c__p herbicide *n.* a plant that is cultivated in large amounts, particularly for food
168. ine_____ly decline with age *adv.* in a manner that cannot be avoided or prevented
169. AI expert *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
170. sustainable aqu_____re *n.* the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes

ANSWERS: 162. hoop, 163. rely, 164. modern, 165. chef, 166. rift, 167. crop, 168. inevitably, 169. AI, 170. aquaculture

171. wi_____nd temptation *v.* to resist the effect or impact of something
172. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
173. dis_____sh these two things *v.* to notice or understand the difference between two people or things
174. an int_____nce test *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
175. ve_____al takeoff *adj.* upright or perpendicular to a horizontal surface or line
176. je____y material *n.* a knitted garment typically made of wool or cotton, worn as a shirt or pullover
177. int_____nt assisting system *adj.* having the capacity for thought and reason, especially to a high degree
178. pr_____t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
179. si____t reading *adj.* without any or little sound
180. sus_____le alternative fuel *adj.* able to continue or be continued for a long time
181. ma_____e stars *adj.* enormous amount; very heavy and solid
182. nu_____on intake *n.* the substances or the process that organisms take into their bodies as food for their growth and health

ANSWERS: 171. withstand, 172. develop, 173. distinguish, 174. intelligence, 175. vertical, 176. jersey, 177. intelligent, 178. predict, 179. silent, 180. sustainable, 181. massive, 182. nutrition

183. en____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
184. anaerobic bio____or *n.* a device or system used to cultivate living cells, tissues, or organisms for industrial or research purposes
185. ch__k the ball across the yard *v.* to throw something carelessly or casually; to get rid of something or someone
186. science of ec____y *n.* the study of the relationships between living organisms, including humans, and their physical environment
187. apply fu____de *n.* a substance or chemical used to kill or inhibit the growth of fungi, typically used in agriculture, horticulture, or the treatment of fungal infections in humans or animals
188. ae____ic vegetable *adj.* relating to a technique of growing plants without soil by suspending the roots in a mist or aerosol of nutrients
189. re____e milk packaging into new paper *v.* to sort and collect things to process them and produce valuable materials that can be used again
190. av____o smoothie *n.* a pear-shaped fruit with a hard skin and buttery flesh, commonly eaten raw in salads, sandwiches, or as guacamole
191. a cr____l issue for women *adj.* extremely vital or necessary
192. va____y bottom *n.* a long depression on the surface of the land, which typically contains a river

ANSWERS: 183. engineer, 184. bioreactor, 185. chuck, 186. ecology, 187. fungicide, 188. aeroponic, 189. recycle, 190. avocado, 191. crucial, 192. valley

193. three-fourths of a po__d *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
194. speak with pr_____on *n.* the quality or condition of being exact and accurate
195. be____h contempt *adv.* in or to a lower place than someone or something
196. skilled car_____ist *n.* a medical doctor who specializes in the study and treatment of the heart and the circulatory system
197. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward
198. sup_____rm preparation *n.* an extremely large and powerful storm, typically characterized by high winds, heavy rain or snow, or destructive storm surges
199. ca____n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
200. the up____t of the research *n.* the outcome or consequence of something, especially a complex or lengthy process or event; the result or conclusion that is reached
201. ci____s trees *n.* a group of fruits that belong to the citrus family, including oranges, lemons, limes, and grapefruits; the trees that bear these fruits
202. la__e back into recession *n.* a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended

ANSWERS: 193. pound, 194. precision, 195. beneath, 196. cardiologist, 197. progression, 198. superstorm, 199. carbon, 200. upshot, 201. citrus, 202. lapse

203. pa____ze a city *v.* to cause a person or part of the body to become unable to move or feel
204. re___e a message *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
205. dr_____t conditions *n.* a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation
206. scientific jo_____l *n.* a newspaper or magazine specialized in a specific topic or profession
207. se_____te video into chapter *v.* to force, take, or pull apart; mark as different
208. play in the ba_____rd *n.* a whole space behind and belonging to a house
209. mi__c numerous instruments *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
210. re___e a story *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
211. accept my f__e *n.* the development of events beyond one's control; destiny; the ultimate outcome or consequence of a situation or person's actions

ANSWERS: 203. paralyze, 204. relate, 205. drought, 206. journal, 207. separate, 208. backyard, 209. mimic, 210. relate, 211. fate

212. s_y milk *n.* a legume plant that is widely cultivated for its edible bean, which has many uses, such as for oil, food, and animal feed
213. scorpion pi____s *n.* a tool or instrument with two limbs or jaws that are jointed together and used for gripping and holding objects; the claws or appendages of certain creatures that are used for grasping, gripping, or crushing
214. a ra____l cure *adj.* relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions
215. fo__e iron *v.* to fashion or shape metal by heating it and hammering it into shape; to create or develop something new or original; to form strong bonds or relationships with others
216. su___e leather *adj.* flexible and easy to bend or move; gracefully agile; adaptable or responsive to change or new ideas
217. pa____ze a person *v.* to cause a person or part of the body to become unable to move or feel
218. the con_____ion law of physics *n.* the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity
219. aff_____le solution *adj.* not expensive and able to pay
220. cor_____us bankruptcy *n.* a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2

ANSWERS: 212. soy, 213. pincers, 214. radical, 215. forge, 216. supple, 217. paralyze, 218. conservation, 219. affordable, 220. coronavirus

221. in____ve species *adj.* spreading very quickly, and often aggressively, and difficult to stop
222. ch__k my job *v.* to throw something carelessly or casually; to get rid of something or someone
223. an advertising me____m *adj.* of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information
224. sleep pro____ly *adv.* to a great or complete degree; deeply
225. the str____ry pie *n.* a sweet, juicy fruit with a reddish color, a seeded surface, and a green, leafy top
226. high pain th____ld *n.* the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation
227. answer questions ind____lly *adv.* separately or apart from others
228. ex____ng football player *adj.* causing a lot of interest or excitement
229. intensive agr____re *n.* the practice or science of cultivating the land or raising stock
230. an international tr__d *n.* a general direction in which something is changing or developing
231. industry-sp____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
232. re____ne customer experience *v.* to change the meaning or interpretation of something; to make people think about something in a new or different way

ANSWERS: 221. invasive, 222. chuck, 223. medium, 224. profoundly, 225. strawberry, 226. threshold, 227. individually, 228. exciting, 229. agriculture, 230. trend, 231. specific, 232. redefine

233. re_____nt local dishes *v.* to change something so drastically that it looks to be completely new
234. fo_____pe design *n.* the physical, cultural, and socio-economic landscape of food and food production, including the cultivation, processing, distribution, consumption, and disposal of food
235. tec_____cal advancement *adj.* based on scientific and industrial progress
236. periods of dr_____t *n.* a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation
237. ve__n lifestyle *n.* a person who does not eat or use any animal products, typically for ethical or environmental reasons
238. low-r_v engine *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
239. gr__d bargain *adj.* important and large in size, scope, or extent
240. ci_____te a rumor *v.* to move continuously or freely around a place or closed system
241. co_____e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
242. em_____e a successful business model *v.* to imitate someone else's achievements to try to do something as well as somebody else

ANSWERS: 233. reinvent, 234. foodscape, 235. technological, 236. drought, 237. vegan, 238. rev, 239. grand, 240. circulate, 241. consume, 242. emulate

243. me__e into a new party *v.* to combine or integrate things, or to cause this to happen
244. s_w with thread *v.* to join, fasten, or repair two pieces of something by putting the thread through them with a needle
245. re_____ne the possibilities *v.* to imagine or conceive of something in a new or different way
246. a r__e old age *adj.* (of fruit or crops) fully developed and ready to be eaten or harvested
247. a fl__d of questions *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
248. have dev_____ng effects *adj.* causing a great deal of destruction or damage
249. an ab__d amount of money *adj.* ridiculously silly, unreasonable, or illogical
250. against tr_____on *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
251. su_____le amount *adj.* fit or appropriate; proper; adapted
252. a vul_____le bridge *adj.* capable of being hurt or influenced physically or mentally
253. re_____ne our role *v.* to change the meaning or interpretation of something; to make people think about something in a new or different way
254. ro_____c guide operation *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

ANSWERS: 243. merge, 244. sew, 245. reimagine, 246. ripe, 247. flood, 248. devastating, 249. absurd, 250. tradition, 251. suitable, 252. vulnerable, 253. redefine, 254. robotic

255. loss of muscle ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
256. pre-mo___n agricultural society *adj.* of or belonging to the present time or recent times
257. an und_____ng motive *adj.* significant as a cause or basis of something but not immediately apparent or stated clearly
258. ae_____ic garden *adj.* relating to a technique of growing plants without soil by suspending the roots in a mist or aerosol of nutrients
259. be___g to a group *v.* to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place
260. tec_____cal policy *adj.* based on scientific and industrial progress
261. di_____t sleep *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
262. inc_____te waste *v.* to burn something, especially waste material completely
263. ba_____rd barbecue *n.* a whole space behind and belonging to a house
264. de___e a word *v.* to state or explain precisely the nature, scope, or meaning of something
265. be___g to different species *v.* to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place

ANSWERS: 255. tissue, 256. modern, 257. underlying, 258. aeroponic, 259. belong, 260. technological, 261. disrupt, 262. incinerate, 263. backyard, 264. define, 265. belong

266. production sh_____ll *n.* the amount by which something falls short of its target or goal; a deficit or shortage in quantity, quality, or standards
267. ar__e passionately *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
268. re_____nt population *adj.* able to withstand or recover quickly from difficult conditions
269. in__t biology *n.* any small creature that has six legs and a body divided into three sections
270. sta_____art software *adj.* characterized by the use of the latest and most advanced technology or methods; cutting-edge
271. field of artificial int_____nce *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
272. pr_____n synthesis *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
273. the qui_____nce of virtue *n.* the perfect example of a quality or class
274. financial cr___s *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
275. low cho_____ol *n.* a type of fat that is found in the blood and cells of the body and that is important for many bodily functions but can also contribute to heart disease and stroke when levels are too high

ANSWERS: 266. shortfall, 267. argue, 268. resilient, 269. insect, 270. state-of-the-art, 271. intelligence, 272. protein, 273. quintessence, 274. crisis, 275. cholesterol

276. critical m__s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
277. ca_____ia lunch *n.* a restaurant where customers serve themselves from a counter and pay for what they have taken, often found in factories, colleges, hospitals, etc.
278. harmless ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
279. illustrative emb_____nt *n.* someone or something that precisely expresses a characteristic or an idea
280. take a vo___e *n.* a long journey, especially by sea or in space
281. us__r theater *n.* a person who shows people to their seats in a theater or church or who guides them through a building
282. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
283. cr___y atmosphere *adj.* causing an uneasy feeling of fear or unease
284. commercial j_t *n.* a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances
285. pro_____us nation *adj.* successful financially or materially; bringing success or good fortune

ANSWERS: 276. mass, 277. cafeteria, 278. bacteria, 279. embodiment, 280. voyage, 281. usher, 282. eventually, 283. creepy, 284. jet, 285. prosperous

286. m__d service *n.* a girl or young woman employed to do domestic work
287. hu____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
288. con_____ion of armaments *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
289. the in_____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
290. cr_____l information *adj.* extremely vital or necessary
291. el_____te sexual barriers *v.* to remove or get rid of someone or something
292. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
293. the ground be_____h my feet *adv.* in or to a lower place than someone or something
294. a vo___e of discovery *n.* a long journey, especially by sea or in space
295. geological r__t *n.* a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces
296. re-em_____ce of rampant inflation *n.* the process or fact of coming into existence or becoming apparent
297. ve_____al axis *adj.* upright or perpendicular to a horizontal surface or line
298. lo___e a missing pet *v.* to specify or determine the exact position of someone or something

ANSWERS: 286. maid, 287. humming, 288. concentration, 289. invention, 290. crucial, 291. eliminate, 292. progression, 293. beneath, 294. voyage, 295. rift, 296. emergence, 297. vertical, 298. locate

299. br_____e with anger *n.* a stiff, short hair on a mammal's skin or a natural or artificial brush; a stiff, sharp point on a plant such as a thorn or a prickle; (verb) to react defensively to something; to stand up stiffly and be rigid
300. two-wheel tr_____r *n.* a powerful vehicle with large back wheels and thick tires, used for pulling farm machines
301. pr_____t a financial crisis *v.* to act in advance to prevent something or to replace it with something else
302. local apple or_____d *n.* a piece of land that is planted with fruit trees, such as apples, pears, or cherries
303. ma__h east *v.* to walk militarily with stiff, regular steps
304. an ad_____te of disarmament *n.* a person who supports or suggests an idea, development, or way of doing something
305. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
306. co__t wealth *v.* to strongly desire or crave something, particularly something that belongs to someone else; to have an excessive or envious desire for
307. in___t antenna *n.* any small creature that has six legs and a body divided into three sections
308. as_____te alcohol with gambling *v.* to mentally connect someone or something with someone or something else

ANSWERS: 299. bristle, 300. tractor, 301. preempt, 302. orchard, 303. march, 304. advocate, 305. ecosystem, 306. covet, 307. insect, 308. associate

309. organic agr_____re *n.* the practice or science of cultivating the land or raising stock
310. st_____m seating *n.* a large, usually roofless building with tiers of seats for spectators at sports or other events
311. economic th____t *n.* a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
312. behave od__y *adv.* in a way that is unexpected, strange, or peculiar
313. hu_____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
314. nu_____on condition *n.* the substances or the process that organisms take into their bodies as food for their growth and health
315. a cold cl_____e *n.* the weather in a particular location averaged over some long period
316. private j_t *n.* a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances
317. br__d suspicion *v.* to keep animals for producing offspring in a regulated manner
318. sp_____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
319. ba__s for calculation *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

ANSWERS: 309. agriculture, 310. stadium, 311. threat, 312. oddly, 313. humming, 314. nutrition, 315. climate, 316. jet, 317. breed, 318. specific, 319. basis

320. pl__k out weeds *v.* to pull or draw something, especially with sudden force or effort; to strip of feathers
321. an a__e of forest *n.* a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)
322. in____e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
323. re____e the cardboard boxes *v.* to sort and collect things to process them and produce valuable materials that can be used again
324. a civil en____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
325. de___y troops for battle *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
326. the power to inc____te nations *v.* to burn something, especially waste material completely
327. urban fo____pe *n.* the physical, cultural, and socio-economic landscape of food and food production, including the cultivation, processing, distribution, consumption, and disposal of food
328. beginning of the industrial rev____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;

ANSWERS: 320. pluck, 321. acre, 322. inspire, 323. recycle, 324. engineer, 325. deploy, 326. incinerate, 327. foodscape, 328. revolution

329. a sp__y of mist *n.* a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage
330. el_____te contestants *v.* to remove or get rid of someone or something
331. he_____de resistance *n.* a substance used to kill or control the growth of unwanted plants
332. arouse con_____sy *n.* a lot of discussion and argument about something, often involving strong feelings of anger or disapproval
333. a gr__d meal *adj.* important and large in size, scope, or extent
334. severe cr___c *n.* someone who expresses opinions about the quality of books, music, etc.
335. si_____n wafer *n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers
336. public education ad_____tes *n.* a person who supports or suggests an idea, development, or way of doing something
337. br_____e brush *n.* a stiff, short hair on a mammal's skin or a natural or artificial brush; a stiff, sharp point on a plant such as a thorn or a prickle; (verb) to react defensively to something; to stand up stiffly and be rigid

ANSWERS: 329. spray, 330. eliminate, 331. herbicide, 332. controversy, 333. grand, 334. critic, 335. silicon, 336. advocate, 337. bristle

338. date su____le to both groups *adj.* fit or appropriate; proper; adapted
339. fabric of the je____y *n.* a knitted garment typically made of wool or cotton, worn as a shirt or pullover
340. ma____e amounts *adj.* enormous amount; very heavy and solid
341. ex____e rebellion *v.* to make someone feel suddenly enthusiastic or eager
342. mo____ty due to cancer *n.* the quality or state of being subject to death
343. begin to r_t *v.* to decay, or cause something to decay, naturally and gradually
344. pre-Christian an____t *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
345. r_v up the crowd *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
346. s_y allergy *n.* a legume plant that is widely cultivated for its edible bean, which has many uses, such as for oil, food, and animal feed
347. an energy eff____cy *n.* the state or quality of doing something well with no waste of input such as time or money
348. ex____e the crowd *v.* to make someone feel suddenly enthusiastic or eager
349. inv____te a data leak *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

ANSWERS: 338. suitable, 339. jersey, 340. massive, 341. excite, 342. mortality, 343. rot, 344. ancient, 345. rev, 346. soy, 347. efficiency, 348. excite, 349. investigate

350. have an ant_____ed custom *adj.* outdated or old-fashioned
351. pr_____le in business *n.* a fundamental law or truth that explains or controls how something happens or works
352. de___y safety measures *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
353. a seafaring na___n *n.* a large organized community of people living in a particular country or region and having a particular culture
354. his research area of
con_____ion *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
355. protein sy_____is inhibitor *n.* the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements
356. an int_____nt person *adj.* having the capacity for thought and reason, especially to a high degree
357. ac_____ic probation *adj.* associated with schools, colleges, and universities, especially studying and thinking, not with practical skills
358. ready to co_____se *v.* to fall down or give way suddenly, often after breaking apart
359. he_____om jewelry *n.* a valuable object, typically a piece of jewelry, artwork, or household item, that is passed down from generation to generation as a family heirloom; something that has special sentimental or historical value

ANSWERS: 350. antiquated, 351. principle, 352. deploy, 353. nation, 354. concentration, 355. synthesis, 356. intelligent, 357. academic, 358. collapse, 359. heirloom

360. cost of solar pa__ls *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
361. a numerator in a fr____on *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
362. aqu____re industry *n.* the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes
363. the di____ty policy of the university *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
364. armored ba____on *n.* a large, organized military unit composed of several companies, typically commanded by a lieutenant colonel or a major
365. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
366. change the ec____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
367. anthropology lab____ry *n.* a workplace for doing scientific research or teaching science; a lab
368. continuously sh____ng landscape *adj.* constantly changing or moving

ANSWERS: 360. panel, 361. fraction, 362. aquaculture, 363. diversity, 364. battalion, 365. lab, 366. ecosystem, 367. laboratory, 368. shifting

369. cr___s management *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
370. h__p earring *n.* a circular band or ring, often made of metal or wood, used as a toy, a part of the equipment, or a decoration
371. a waiting m__d *n.* a girl or young woman employed to do domestic work
372. ro_____c arm *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
373. soil con_____ion *n.* the presence of something harmful or unwanted in a substance, material, or environment; the act of introducing harmful substances or materials into an environment or area
374. con_____sy among researchers *n.* a lot of discussion and argument about something, often involving strong feelings of anger or disapproval
375. car_____ist appointment *n.* a medical doctor who specializes in the study and treatment of the heart and the circulatory system
376. in___t capital *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
377. eat a veg_____an diet *n.* a person who does not eat meat or fish, or often any animal products, for health or religious reasons

ANSWERS: 369. crisis, 370. hoop, 371. maid, 372. robotic, 373. contamination, 374. controversy, 375. cardiologist, 376. invest, 377. vegetarian

378. lo___e a tumor *v.* to specify or determine the exact position of someone or something
379. sh_____ng balance *adj.* constantly changing or moving
380. r__e tomato *adj.* (of fruit or crops) fully developed and ready to be eaten or harvested
381. eat or_____c food *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
382. a fr_____onal share of the vote *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
383. an_____t stories *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
384. an insect sp__y *n.* a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage
385. ad__t as needed *v.* to make fit for or change to suit a new purpose or environment
386. principles of sus_____le development *adj.* able to continue or be continued for a long time
387. there is no other alt_____ve *n.* one of two or more available possibilities or choice
388. vul_____le parts of the body *adj.* capable of being hurt or influenced physically or mentally
389. a ch_____al compound *adj.* relating to or connected with chemistry;

ANSWERS: 378. locate, 379. shifting, 380. ripe, 381. organic, 382. fraction, 383. ancient, 384. spray, 385. adapt, 386. sustainable, 387. alternative, 388. vulnerable, 389. chemical

390. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
391. ad____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
392. crystalline si____n *n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers
393. take a qu_____on *n.* a group of words taken from a text or speech and repeated by someone other than the original author or speaker
394. fl__d advisory *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
395. or_____d tree *n.* a piece of land that is planted with fruit trees, such as apples, pears, or cherries
396. as_____d the viewer *v.* to surprise or shock someone with wonder very much
397. per_____ure principles *n.* a system of agricultural and ecological design that aims to create sustainable, self-sufficient ecosystems by working with natural processes and relying on renewable resources
398. an alt_____ve plan *n.* one of two or more available possibilities or choice
399. a successful ent_____eur *n.* an individual who creates or invests in one or more businesses, especially when this involves taking financial risks

ANSWERS: 390. lab, 391. advance, 392. silicon, 393. quotation, 394. flood, 395. orchard, 396. astound, 397. permaculture, 398. alternative, 399. entrepreneur

400. a cell phone with an internet
fa____ty
401. an ex____d rock
402. na___n-state
403. ca___n dioxide
404. common in_____on
405. c__p field
406. ins____de spray
407. inn_____on leader
408. telescopic vi___n
409. a prodigious vi___n
410. basin-shaped va___y
- n.* a building or place that provides a particular service or is used for a particular industry
- adj.* having no protection or shield from something, such as bad weather, attack, or criticism
- n.* a large organized community of people living in a particular country or region and having a particular culture
- 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
- n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
- n.* a plant that is cultivated in large amounts, particularly for food
- n.* a substance used to kill insects
- n.* the creation of a new device or process resulting from study and experimentation
- n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
- n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
- n.* a long depression on the surface of the land, which typically contains a river

ANSWERS: 400. facility, 401. exposed, 402. nation, 403. carbon, 404. invention, 405. crop, 406. insecticide, 407. innovation, 408. vision, 409. vision, 410. valley

411. f__e of nations *n.* the development of events beyond one's control; destiny; the ultimate outcome or consequence of a situation or person's actions
412. st___e up a conversation *v.* to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
413. ind_____al alcohol *adj.* of or relating to or resulting from industry
414. bl___t a crop *v.* to have a detrimental effect on something, typically causing it to deteriorate or fail; (noun) any plant disease resulting in withering without rotting
415. trading in bi___y options *n.* a system of numbers that uses only two digits, 0 and 1
416. supply ch___n *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
417. highly-vo_____le elements *adj.* likely to change rapidly or unexpectedly, or being unstable or explosive
418. vo_____le markets *adj.* likely to change rapidly or unexpectedly, or being unstable or explosive
419. raw food ve___n *n.* a person who does not eat or use any animal products, typically for ethical or environmental reasons
420. turn cattle out to gr___e *v.* to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping

ANSWERS: 411. fate, 412. strike, 413. industrial, 414. blight, 415. binary, 416. chain, 417. volatile, 418. volatile, 419. vegan, 420. graze

421. the mountain's br___t *n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
422. ar__e a case *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
423. str_____ry greenhouse *n.* a sweet, juicy fruit with a reddish color, a seeded surface, and a green, leafy top
424. ab___d storyline *adj.* ridiculously silly, unreasonable, or illogical
425. ch__n reaction *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
426. a scanty ha_____t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
427. stress pr_____n *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
428. dec_____ize authority *v.* to move the power, control, or authority of an organization, government, or system from a single place to several smaller ones
429. sy_____is of ammonia *n.* the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements

ANSWERS: 421. breast, 422. argue, 423. strawberry, 424. absurd, 425. chain, 426. harvest, 427. protein, 428. decentralize, 429. synthesis

430. the em____on of light *n.* the act of production or sending out gas, heat, light, etc.
431. give si____t consent *adj.* without any or little sound
432. re____nt our life *v.* to change something so drastically that it looks to be completely new
433. dy____cs of economy *n.* the branch of mechanics that deals with the motion of bodies under the action of forces, including the particular case in which a body remains at rest; forces that produce or stimulate movement, growth, or change
434. in____t in stocks *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
435. a m__s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
436. di____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
437. sy____ze hope *v.* to represent or stand for something else, particularly an abstract concept or idea; to be an emblem or sign of something
438. a ra____l flaw in the plan *adj.* relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions

ANSWERS: 430. emission, 431. silent, 432. reinvent, 433. dynamics, 434. invest, 435. mass, 436. disease, 437. symbolize, 438. radical

439. qui_____nce of life *n.* the perfect example of a quality or class
440. in_____op tomatoes with basil *v.* to grow or cultivate two or more crops simultaneously on the same land, often to increase yield or improve soil quality
441. h__l broke loose *n.* the place thought to be where bad people go and are punished after death, often depicted as being located beneath the earth; an extraordinarily unpleasant or difficult place
442. an ingrained sk_____c *n.* a person who doubts or questions the truth of specific claims, beliefs, or doctrines, especially those in religion or the supernatural
443. r__y on convenience stores *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
444. pathogenic ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
445. agricultural fu_____de *n.* a substance or chemical used to kill or inhibit the growth of fungi, typically used in agriculture, horticulture, or the treatment of fungal infections in humans or animals
446. se_____te cream from milk *v.* to force, take, or pull apart; mark as different

ANSWERS: 439. quintessence, 440. intercrop, 441. hell, 442. skeptic, 443. rely, 444. bacteria, 445. fungicide, 446. separate

447. ant_____ed system

adj. outdated or old-fashioned

448. al____d butter

n. a type of nut that comes from the almond tree widely cultivated for its edible seeds, which is enclosed in a hard, ridged outer casing called a shell, that can be eaten raw or roasted and is often used in baking and as an ingredient in various dishes

449. a hard and re_____nt steel

adj. able to withstand or recover quickly from difficult conditions

450. apply AI technology to art

n. (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

ANSWERS: 447. antiquated, 448. almond, 449. resilient, 450. AI

Session 3: Fill in the Blanks

1. The automaker has been providing _____ car financing options since last year.
adj. not expensive and able to pay

2. The dog's _____ on its back stood up as it growled at the mailman.
n. a stiff, short hair on a mammal's skin or a natural or artificial brush; a stiff, sharp point on a plant such as a thorn or a prickle; (verb) to react defensively to something; to stand up stiffly and be rigid

3. This animal _____ in northern latitudes.
v. to keep animals for producing offspring in a regulated manner

4. Babies heavily _____ on others for food.
v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

5. A great stretch of the lake lay _____ them.
adv. in or to a lower place than someone or something

6. I'm so sorry to _____ you when you're pretty busy.
v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

7. The ladder leaned against the _____ surface of the building.
adj. upright or perpendicular to a horizontal surface or line

8. The novel affected her _____ causing her to question her beliefs and values.
adv. to a great or complete degree; deeply

ANSWERS: 1. affordable, 2. bristle, 3. breeds, 4. rely, 5. beneath, 6. disrupt, 7. vertical, 8. profoundly,

9. My mother taught me how to ____.
- v.* to join, fasten, or repair two pieces of something by putting the thread through them with a needle
10. The doctor diagnosed him with a rare _____ that had no known cure.
- n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
11. This food contains all the _____ your dog requires.
- n.* the substances or the process that organisms take into their bodies as food for their growth and health
12. Many companies are now enthusiastically embracing the knowledge of _____ for sustainable development.
- n.* the study of the relationships between living organisms, including humans, and their physical environment
13. The farmer owns an _____ where he grows apples, pears, and plums.
- n.* a piece of land that is planted with fruit trees, such as apples, pears, or cherries
14. She was filled with a burning ____ at the injustice she had witnessed.
- n.* a strong feeling of anger or violence
15. The _____ of the bees filled the air as she walked through the garden.
- adj.* producing a continuous, low, vibrating sound like that of the bee
16. The ____ flew over the ocean at high speed, reaching its destination in hours.
- n.* a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances

ANSWERS: 9. sew, 10. disease, 11. nutrition, 12. ecology, 13. orchard, 14. rage, 15. humming, 16. jet

17. _____ prevalent in hospitals are often resistant to antibiotics.
- n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
18. 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
19. The scientist conducted a study that provided _____ details about the species' behavior.
- adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
20. They fear a _____ of a new type of virus.
- n.* an outbreak of a disease that affects many people over a very wide area
21. 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
22. It is important to _____ safety procedures in the workplace to prevent accidents.
- v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
23. I love snacking on _____ for a healthy and delicious snack.
- n.* a type of nut that comes from the almond tree widely cultivated for its edible seeds, which is enclosed in a hard, ridged outer casing called a shell, that can be eaten raw or roasted and is often used in baking and as an ingredient in various dishes

ANSWERS: 17. Bacteria, 18. degrade, 19. specific, 20. pandemic, 21. inspired, 22. observe, 23. almonds

24. He grilled the _____ meat of a chicken.
- n.* either of the two round soft parts of a woman's chest which secrete milk after childbirth
25. Trends in the fashion industry are so _____ that it is challenging to keep up with them.
- adj.* constantly changing or moving
26. The government should view children as national assets and actively _____ in them.
- v.* to put money, effort, time, etc. into something to make a profit or achieve a result
27. Animal protection groups call for an end to animal testing in a _____.
- n.* a workplace for doing scientific research or teaching science; a lab
28. The surgeon removed the tumor using _____ video assistance.
- adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
29. We must _____ a new system to streamline our workflow and increase efficiency.
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
30. 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

ANSWERS: 24. breast, 25. shifting, 26. invest, 27. laboratory, 28. robotic, 29. develop, 30. fraction

31. The roof finally _____ after three days and three nights of heavy snowfall.
v. to fall down or give way suddenly, often after breaking apart
32. The garden was full of _____ that needed to be pulled.
n. a wild plant growing where it is not wanted and in competition with cultivated plants
33. The artist used a _____ paint can to create a graffiti mural on the wall.
n. a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage
34. A smaller car will _____ less fuel.
v. to spend something, especially fuel, energy, or time, in a large amount
35. In many cultures, the color white _____ purity and innocence.
v. to represent or stand for something else, particularly an abstract concept or idea; to be an emblem or sign of something
36. The battlefield became _____ on earth.
n. the place thought to be where bad people go and are punished after death, often depicted as being located beneath the earth; an extraordinarily unpleasant or difficult place
37. The _____ principle of every business was identical.
adj. significant as a cause or basis of something but not immediately apparent or stated clearly
38. Considering the situation of _____ organized stopped this year's beer festival.
n. a large family of viruses that can cause illness in humans and animals, which name comes from the crown-like spikes on the surface of the virus, which can be seen under a microscope, and COVID-19 is caused by a specific type of coronavirus known as SARS-CoV-2

ANSWERS: 31. collapsed, 32. weeds, 33. spray, 34. consume, 35. symbolizes, 36. hell, 37. underlying, 38. coronavirus,

39. The farmer sprayed the crop with _____ to protect it from pests.
n. a substance used to kill insects
40. We _____ to achieve more wages and safer working conditions.
v. to wallop somebody or something with the hand, fist, or weapon; to have an emotional or cognitive impact upon
41. The fortune teller predicted his _____ and warned him of the looming danger.
n. the development of events beyond one's control; destiny; the ultimate outcome or consequence of a situation or person's actions
42. _____ advances have disrupted many industries.
adj. based on scientific and industrial progress
43. We need to _____ the aspect of his personality from the part of his competence when making an investment decision.
v. to force, take, or pull apart; mark as different
44. The scientists optimized the conditions in the _____ to increase the yield of the desired product.
n. a device or system used to cultivate living cells, tissues, or organisms for industrial or research purposes
45. The majority of students actively _____ in the college's intramural sports program.
v. to take part in something
46. A _____ star is a system in which two stars revolve around each other.
n. a system of numbers that uses only two digits, 0 and 1

ANSWERS: 39. insecticide, 40. strike, 41. fate, 42. Technological, 43. separate, 44. bioreactor, 45. participated, 46. binary

47. I will _____ these old shoes in the trash and buy a new pair.
- v. to throw something carelessly or casually; to get rid of something or someone
48. The farming _____ had been damaged by rough usage.
- n. a powerful vehicle with large back wheels and thick tires, used for pulling farm machines
49. The company experienced a significant financial _____ last quarter.
- n. the amount by which something falls short of its target or goal; a deficit or shortage in quantity, quality, or standards
50. These heavy rains caused flash _____ on several islands.
- n. a large amount of water flowing beyond its normal limits; an overwhelming number or amount
51. The government _____ the release of sensitive information.
- v. to act in advance to prevent something or to replace it with something else
52. I advised him to _____ to his new surroundings.
- v. to make fit for or change to suit a new purpose or environment
53. This consulting firm decided to _____ the two companies into one.
- v. to combine or integrate things, or to cause this to happen
54. Agricultural policies affect the _____ of a country by influencing what crops are grown and, thus, consumed.
- n. the physical, cultural, and socio-economic landscape of food and food production, including the cultivation, processing, distribution, consumption, and disposal of food

ANSWERS: 47. chuck, 48. tractor, 49. shortfall, 50. floods, 51. preempted, 52. adapt, 53. merge, 54. foodscape

55. This disease has a high _____.

n. the quality or state of being subject to death

56. This evidence will form the _____ for our discussion.

n. the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged

57. 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

58. The uniformed _____ showed the guests to their seats.

n. a person who shows people to their seats in a theater or church or who guides them through a building

59. Tech companies often employ _____ ducts and other materials in their office interiors.

adj. having no protection or shield from something, such as bad weather, attack, or criticism

60. The robot can accurately _____ construction material.

v. to specify or determine the exact position of someone or something

61. Because of his excellent performance, he will _____ be promoted.

adv. in a manner that cannot be avoided or prevented

62. The _____ at the restaurant was known for his creative and delicious dishes.

n. a cook, especially the chief cook in a restaurant or hotel

ANSWERS: 55. mortality, 56. basis, 57. mass, 58. usher, 59. exposed, 60. locate, 61. inevitably, 62. chef

63. They have been living near water since _____ times.

adj. relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

64. Doctors are gradually coming around to the idea of using _____ medicines.

n. one of two or more available possibilities or choice

65. Eating food in a hurry _____ blood glucose levels.

v. to raise something from a lower to a higher position; to give a promotion to or assign to a higher position

66. We could hear the _____ of baby birds.

n. a short, high sound made by a small bird; a message sent using Twitter, the social media application

67. She had to _____ her father's signature on the permission slip because he was out of town.

v. to fashion or shape metal by heating it and hammering it into shape; to create or develop something new or original; to form strong bonds or relationships with others

68. Farmers often _____ their fields with complementary crops to improve soil health and yield.

v. to grow or cultivate two or more crops simultaneously on the same land, often to increase yield or improve soil quality

69. This typhoon was the most _____ in years.

adj. causing a great deal of destruction or damage

ANSWERS: 63. ancient, 64. alternative, 65. elevates, 66. tweet, 67. forge, 68. intercrop, 69. devastating

70. He included a _____ from the book in his essay.

- n.* a group of words taken from a text or speech and repeated by someone other than the original author or speaker

71. She couldn't help but _____ her friend's designer handbag.

- v.* to strongly desire or crave something, particularly something that belongs to someone else; to have an excessive or envious desire for

72. The revitalization of technology companies is _____ to the country's growth.

- adj.* extremely vital or necessary

73. Most of the programs are _____ in this area.

- v.* to send out a program or some information on radio or television

74. Advocates for legal reform hear less harsh words from their _____.

- n.* someone who expresses opinions about the quality of books, music, etc.

75. The couple began to _____ over which restaurant to go to for dinner.

- v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

76. We want to _____ ties between our two countries.

- v.* to make or become better

77. The troops _____ shoulder-to-shoulder.

- v.* to walk militarily with stiff, regular steps

78. The oil price continued their downward _____.

- n.* a general direction in which something is changing or developing

ANSWERS: 70. quotation, 71. covet, 72. crucial, 73. broadcast, 74. critics, 75. argue, 76. improve, 77. marched, 78. trend

79. _____ of abolishing the death penalty often argue that the alternative heaviest sentence should be life in prison.
- n.* a person who supports or suggests an idea, development, or way of doing something
80. The _____ will repair my telephone tomorrow morning.
- n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
81. The firm has grown into a large _____ manufacturing.
- adj.* relating to or connected with chemistry;
82. An _____ system uses mist to grow plants.
- adj.* relating to a technique of growing plants without soil by suspending the roots in a mist or aerosol of nutrients
83. We largely _____ the circuit board of cell phones because they contain a lot of valuable metals.
- v.* to sort and collect things to process them and produce valuable materials that can be used again
84. Each department has done its product costing _____.
- adv.* separately or apart from others
85. The new phone is waterproof and can _____ being dropped in water.
- v.* to resist the effect or impact of something
86. The recent economic downturn has resulted in _____ layoffs.
- adj.* enormous amount; very heavy and solid

ANSWERS: 79. Advocates, 80. engineer, 81. chemical, 82. aeroponic, 83. recycle, 84. individually, 85. withstand, 86. massive

87. 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
88. This bridge is the third largest _____ bridge in the world.
- n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
89. The _____ of the author's writing is the depth of emotion conveyed.
- n.* the perfect example of a quality or class
90. The astronaut trained for years before embarking on her _____ to the International Space Station.
- n.* a long journey, especially by sea or in space
91. He grows vegetables in his _____.
- n.* a whole space behind and belonging to a house
92. The community greatly respected and sought after the older adult's _____.
- n.* the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions
93. _____ hyperglycemia is a trigger for a variety of serious diseases.
- adj.* being long-lasting and recurrent or characterized by long suffering; habitual
94. Efficiency isn't an essential _____ here; fairness is.
- n.* a fundamental law or truth that explains or controls how something happens or works

ANSWERS: 87. efficiency, 88. steel, 89. quintessence, 90. voyage, 91. backyard, 92. wisdom, 93. Chronic, 94. principle

95. The baseball _____ was filled with excited fans eagerly awaiting the start of the game.

n. a large, usually roofless building with tiers of seats for spectators at sports or other events

96. Necessity is the mother of _____.

n. the creation of a new device or process resulting from study and experimentation; the act of inventing

97. The news of her promotion _____ her.

v. to make someone feel suddenly enthusiastic or eager

98. _____ design has become more focused on human nature aspect than ever before.

adj. of or relating to or resulting from industry

99. This study _____ four different ways to run a business.

v. to notice or understand the difference between two people or things

100. The live-in _____ came in to clean the room every day.

n. a girl or young woman employed to do domestic work

101. The kidney is an _____ component of the body.

adj. of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

102. This country _____ its weapons in the east region.

v. to move troops or weapons into a position or military action; to bring into something in an effective way

ANSWERS: 95. stadium, 96. invention, 97. excited, 98. Industrial, 99. distinguished, 100. maid, 101. organic, 102. deployed

103. My grandfather is seeing a _____ to monitor his heart condition.
- n.* a medical doctor who specializes in the study and treatment of the heart and the circulatory system
104. 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
105. The region has been experiencing a severe _____ leading to water shortages and crop failures.
- n.* a long period of time during which there is very little or no rain, leading to a shortage of water and often causing damage to crops and other vegetation
106. The sheep _____ on the green grass in the meadow.
- v.* to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping
107. 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
108. We have to _____ our company's product lineup for further growth.
- v.* to consider again a plan, idea, etc., especially to change it
109. The _____ by the citizen resulted in a redistribution of wealth.
- n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
110. During _____ farmers are incredibly busy.
- n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm

ANSWERS: 103. cardiologist, 104. environment, 105. drought, 106. graze, 107. intelligence, 108. rethink, 109. revolution, 110. harvest,

111. He was a _____ who doubted the existence of supernatural phenomena.
n. a person who doubts or questions the truth of specific claims, beliefs, or doctrines, especially those in religion or the supernatural
112. The _____ of the water supply led to widespread illness in the community.
n. the presence of something harmful or unwanted in a substance, material, or environment; the act of introducing harmful substances or materials into an environment or area
113. Sow early for an early _____.
n. a plant that is cultivated in large amounts, particularly for food
114. The _____ diet is based on plant-based foods.
n. a person who does not eat or use any animal products, typically for ethical or environmental reasons
115. She _____ the flowers off the bush.
v. to pull or draw something, especially with sudden force or effort; to strip of feathers
116. All the books in this section _____ to the library's rare collection and must be handled carefully.
v. to be the property of someone or something; to be a member or part of a group; to be in the proper or appropriate place
117. They have tried to _____ their grocery stores.
v. to change something so drastically that it looks to be completely new
118. The politician remained _____ despite intense media scrutiny.
adj. without any or little sound

ANSWERS: 111. skeptic, 112. contamination, 113. crop, 114. vegan, 115. plucked, 116. belong, 117. reinvent, 118. silent

119. These _____ are more prevalent above a certain latitude.

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

120. It is a _____ in many families to have a big Thanksgiving dinner with all their relatives.

n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

121. _____ is better than argument.

n. a fact or piece of information that shows something is true or exists

122. The _____ on my bike broke, leaving me stranded.

n. a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

123. The politician _____ at his opponent during the debate.

v. to make a sly or spiteful remark, often in a concealed or indirect way; to target someone with an unfair or unwarranted attack or criticism

124. The ballerina's _____ movements left the audience mesmerized.

adj. flexible and easy to bend or move; gracefully agile; adaptable or responsive to change or new ideas

125. The majority of consumers _____ this brand with quality.

v. to mentally connect someone or something with someone or something else

126. I love adding _____ to my salads for that extra creaminess.

n. a pear-shaped fruit with a hard skin and buttery flesh, commonly eaten raw in salads, sandwiches, or as guacamole

ANSWERS: 119. insects, 120. tradition, 121. Proof, 122. chain, 123. sniped, 124. supple, 125. associate, 126. avocado

127. He tried to _____ his experience to the group, but they couldn't understand.
- v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
128. 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
129. High levels of _____ can increase the risk of heart disease.
- n.* a type of fat that is found in the blood and cells of the body and that is important for many bodily functions but can also contribute to heart disease and stroke when levels are too high
130. She is a _____ person and has always bounced back from setbacks.
- adj.* able to withstand or recover quickly from difficult conditions
131. 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
132. We can _____ this possibility from those consumptions.
- v.* to remove or get rid of someone or something
133. This company has an entire recycling _____ including major reprocessing plants.
- n.* a building or place that provides a particular service or is used for a particular industry
134. For safety reasons, we must completely _____ contaminated protective clothing.
- v.* to burn something, especially waste material completely

ANSWERS: 127. relate, 128. diversity, 129. cholesterol, 130. resilient, 131. carbon, 132. eliminate, 133. facility, 134. incinerate

135. We immediately rejected his _____ suggestion.

adj. ridiculously silly, unreasonable, or illogical

136. The vegetarian burger was an _____ that quickly spread to the United Kingdom.

n. the creation of a new device or process resulting from study and experimentation

137. Their disagreement caused a _____ in their friendship.

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

138. The plant nursery sprayed _____ on their seedlings to prevent damping-off disease.

n. a substance or chemical used to kill or inhibit the growth of fungi, typically used in agriculture, horticulture, or the treatment of fungal infections in humans or animals

139. I missed the deadline due to a _____ in my memory.

n. a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended

140. The venom from the snake bite _____ his arm.

v. to cause a person or part of the body to become unable to move or feel

141. The _____ of a new virus can cause concern for public health.

n. the process or fact of coming into existence or becoming apparent

ANSWERS: 135. absurd, 136. innovation, 137. rift, 138. fungicide, 139. lapse, 140. paralyzed, 141. emergence

142. The Chinese word for _____ comprises two characters, one for danger and the other for opportunity.
- n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
143. The _____ of the meeting was that the project would be delayed by a few months.
- n.* the outcome or consequence of something, especially a complex or lengthy process or event; the result or conclusion that is reached
144. The enemy forces were no match for the well-trained _____.
- n.* a large, organized military unit composed of several companies, typically commanded by a lieutenant colonel or a major
145. The video telephony application has _____ the way we work.
- v.* to change the meaning or interpretation of something; to make people think about something in a new or different way
146. Nitrogen fixation by the Haber-Bosch method leads to the mass production of _____.
- n.* a natural or chemical substance added to soil to make plants grow more successfully
147. The forest was recently designated a _____ area.
- n.* the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity
148. I always wear my favorite basketball player's _____ to the games.
- n.* a knitted garment typically made of wool or cotton, worn as a shirt or pullover

ANSWERS: 142. crisis, 143. upshot, 144. battalion, 145. redefined, 146. fertilizers, 147. conservation, 148. jersey

149. _____ is the foundation of our economy.
n. the practice or science of cultivating the land or raising stock
150. The fruit was _____ and ready to eat.
adj. (of fruit or crops) fully developed and ready to be eaten or harvested
151. To advance this discussion, we must _____ "success" rigorously.
v. to state or explain precisely the nature, scope, or meaning of something
152. They intend to _____ the footsteps of successful software companies.
v. to imitate someone else's achievements to try to do something as well as somebody else
153. The physician is reading the _____ related to medicine
n. a newspaper or magazine specialized in a specific topic or profession
154. The old, abandoned house was _____ and gave me the chills.
adj. causing an uneasy feeling of fear or unease
155. The dress was _____ for the formal occasion.
adj. fit or appropriate; proper; adapted
156. The hospital has _____ equipment and facilities to ensure the best healthcare for its patients.
adj. characterized by the use of the latest and most advanced technology or methods; cutting-edge
157. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.
n. a workplace for the conduct of scientific research; a laboratory

ANSWERS: 149. Agriculture, 150. ripe, 151. define, 152. emulate, 153. journals, 154. creepy, 155. suitable, 156. state-of-the-art, 157. lab

158. The farm covers over 200 _____ of land.

n. a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)

159. He walked into the party with an _____ dressed companion, causing everyone to stare.

adv. in a way that is unexpected, strange, or peculiar

160. He is very popular at school because he can _____ all the teachers' accents.

v. to imitate someone's speech, movement, or behavior, especially to make others laugh

161. Rebels have pledged to _____ the armed struggle against the dictatorship.

v. to increase or make something increase in extent or strength

162. _____ fruits like oranges and lemons are high in vitamin C.

n. a group of fruits that belong to the citrus family, including oranges, lemons, limes, and grapefruits; the trees that bear these fruits

163. The fan _____ the air in the room quickly.

v. to move continuously or freely around a place or closed system

164. Infants and pregnant women are particularly _____.

adj. capable of being hurt or influenced physically or mentally

165. The evolution of processors has dramatically improved the performance of ____.

n. (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

ANSWERS: 158. acres, 159. oddly, 160. mimic, 161. intensify, 162. Citrus, 163. circulates, 164. vulnerable, 165. AI

166. He had a _____ smoothie for breakfast.

- n.* a sweet, juicy fruit with a reddish color, a seeded surface, and a green, leafy top

167. 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

168. _____ is the second most abundant element on earth after oxygen.

- n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers

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

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

170. 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

171. The abandoned factory was _____ by vandalism and graffiti.

- v.* to have a detrimental effect on something, typically causing it to deteriorate or fail; (noun) any plant disease resulting in withering without rotting

172. The handyman used his trusty _____ to remove the rusty nails from the old boards.

- n.* a tool or instrument with two limbs or jaws that are jointed together and used for gripping and holding objects; the claws or appendages of certain creatures that are used for grasping, gripping, or crushing

ANSWERS: 166. strawberry, 167. ecosystem, 168. Silicon, 169. valley, 170. panel, 171. blighted, 172. pincers

173. The government established by the coup was more _____ than before.
adj. relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions
174. This operation requires both patience and _____.
n. the quality or condition of being exact and accurate
175. The _____ community emphasizes the importance of working with, not against, nature.
n. a system of agricultural and ecological design that aims to create sustainable, self-sufficient ecosystems by working with natural processes and relying on renewable resources
176. The _____ of severe weather prompted the city to issue an evacuation warning.
n. a strong indication or likelihood of harm, danger, or adverse consequences; an expression of intent to inflict harm or injury on someone or something, often made as a means of coercion or intimidation
177. This restaurant has _____ dishes as well.
n. a person who does not eat meat or fish, or often any animal products, for health or religious reasons
178. Please refrigerate the meat, or it will _____.
v. to decay, or cause something to decay, naturally and gradually
179. Fish farming is a form of _____ that has recently gained popularity.
n. the cultivation of aquatic organisms such as fish, seaweed, and shellfish for human consumption, as well as for environmental conservation and research purposes

ANSWERS: 173. radical, 174. precision, 175. permaculture, 176. threat, 177. vegetarian, 178. rot, 179. aquaculture

180. The company decided to invest in a _____ industry.

adj. successful financially or materially; bringing success or good fortune

181. The family recipe for apple pie has become an _____ tradition.

n. a valuable object, typically a piece of jewelry, artwork, or household item, that is passed down from generation to generation as a family heirloom; something that has special sentimental or historical value

182. 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

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

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

184. The university's _____ was busy with students and staff grabbing a quick lunch.

n. a restaurant where customers serve themselves from a counter and pay for what they have taken, often found in factories, colleges, hospitals, etc.

185. 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

186. The relationship _____ between the two countries were complex and constantly changing.

n. the branch of mechanics that deals with the motion of bodies under the action of forces, including the particular case in which a body remains at rest; forces that produce or stimulate movement, growth, or change

187. The devil is the _____ of wicked ideas.

n. someone or something that precisely expresses a characteristic or an idea

ANSWERS: 180. prosperous, 181. heirloom, 182. complexity, 183. Climate, 184. cafeteria, 185. soy, 186. dynamics, 187. embodiment

188. The committee _____ several apparent inconsistencies.

- v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

189. The chemical _____ of the new drug was a breakthrough in medical research.

- n.* the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements

190. Companies developing self-driving cars consistently _____ the emerging technologies.

- v.* to introduce new methods, ideas, or products

191. 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

192. Their relationship was _____ and prone to sudden outbursts of anger.

- adj.* likely to change rapidly or unexpectedly, or being unstable or explosive

193. We need to _____ our data to recover quickly from a disaster.

- v.* to move the power, control, or authority of an organization, government, or system from a single place to several smaller ones

194. An excellent historian must possess an _____ mentality.

- adj.* associated with schools, colleges, and universities, especially studying and thinking, not with practical skills

195. This year's _____ gathering will be held in Canada.

- adj.* important and large in size, scope, or extent

ANSWERS: 188. investigated, 189. synthesis, 190. innovate, 191. protein, 192. volatile, 193. decentralize, 194. academic, 195. grand

196. The corporation _____ dominated the entire tobacco business.
adv. finally, particularly after a long time or a lot of struggle, complications, and so on
197. The leader _____ a state of emergency in the country.
v. to announce or state something publicly and forcefully
198. The car's front bumper cost fifteen hundred _____.
n. the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
199. The factory was forced to shut down due to its _____ equipment.
adj. outdated or old-fashioned
200. _____ willingly accept business risks to achieve success.
n. an individual who creates or invests in one or more businesses, especially when this involves taking financial risks
201. They entered into _____ with the member of the ruling party.
n. a lot of discussion and argument about something, often involving strong feelings of anger or disapproval
202. She received special _____ training at the hospital.
adj. of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
203. Driving is difficult for me because of my poor _____.
n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

ANSWERS: 196. eventually, 197. proclaimed, 198. pounds, 199. antiquated, 200. Entrepreneurs, 201. controversy, 202. clinical, 203. vision

204. The _____ disease can spread quickly and potentially cause a global pandemic.

adj. spreading very quickly, and often aggressively, and difficult to stop

205. The _____ of Japan is known for its unique culture and advanced technology.

n. a large organized community of people living in a particular country or region and having a particular culture

206. She's on the _____ of adulthood.

n. the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation

207. I made sure to pick only _____ mushrooms for our dinner.

adj. fit or safe to be eaten; able to be consumed as food

208. The researcher separated the nervous _____ for microscopic examinations.

n. an ensemble of similar cells of the animal or plant that together carry out a specific function

209. The company has made great strides in its _____ toward sustainability.

n. the act or process of changing to the next stage or phase or moving forward

210. There are five distinct _____ at five unique wavelengths.

n. the act of production or sending out gas, heat, light, etc.

211. It's notoriously challenging to _____ birth rates.

v. to state beforehand that something will happen in the future, mainly based on knowledge or experience

ANSWERS: 204. invasive, 205. nation, 206. threshold, 207. edible, 208. tissue, 209. progression, 210. emissions, 211. predict

212. _____ moisture is another significant component controlling soil respiration.
n. the top layer of Earth in which plants grow
213. The final result was nothing short of _____.
v. to surprise or shock someone with wonder very much
214. The company is trying to _____ its business model to stay competitive.
v. to imagine or conceive of something in a new or different way
215. The coastal town's residents were urged to evacuate ahead of the _____.
n. an extremely large and powerful storm, typically characterized by high winds, heavy rain or snow, or destructive storm surges
216. The findings of the experiment were both _____ and unexpected.
adj. causing a lot of interest or excitement
217. The _____ size shirt fits him perfectly.
adj. of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information
218. The farmer sprayed _____ on his crops to kill weeds.
n. a substance used to kill or control the growth of unwanted plants
219. Their headquarters are in a _____ skyscraper.
adj. of or belonging to the present time or recent times
220. This exam requires excellent _____ to pass.
n. the ability to focus all your time and energy on one thing without thinking about anything else.

ANSWERS: 212. Soil, 213. astounding, 214. reimagine, 215. superstorm, 216. exciting, 217. medium, 218. herbicide, 219. modern, 220. concentration

221. The circus clown jumped through a fiery _____ as the audience gasped in amazement.

n. a circular band or ring, often made of metal or wood, used as a toy, a part of the equipment, or a decoration

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

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

223. Scientific knowledge will _____ significantly with the power of AI.

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

224. _____ 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

225. He stepped on the gas pedal, and the engine released a loud _____.

n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

ANSWERS: 221. hoop, 222. sustainable, 223. advance, 224. Intelligent, 225. rev