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Vocabulary Builder Reference from...

Johan Rockström: Let the environment guide our development | TED Talk

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

All Words

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Session 1: Word List

dominate

v. to have or control a lot of power and influence over somebody or something

synonym : govern, rule, prevail

(1) **dominate** possession, (2) **dominate** over the weak
The perspective of his right brain **dominates** his consciousness.

planet

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

synonym : earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**
Mercury is the closest **planet** to the sun.

unprecedented

adj. never having been seen, done, or known before

synonym : novel, outstanding, unparalleled

(1) **unprecedented** boom, (2) **unprecedented** business opportunity

Unprecedented amounts of heckling and slogan-shouting took place throughout the event.

generation

n. all the people born and living at about the same time, regarded collectively; the production of heat or electricity

synonym : cohort, age group, era

(1) **generation** gap, (2) the **generation** of electricity

The younger **generation** has different values and beliefs than the older one.

undermine

v. to make someone or something less powerful, less effective, weaker gradually; to make someone's fame, confidence, or authority less effective or weaker gradually

synonym : damage, subvert, weaken

(1) **undermine** a good relationship, (2) **undermine** their adversary's reputation

They tried to **undermine** her position by slandering her.

stability

n. the quality or attribute of being firm and steadfast

synonym : resilience, solidity, steadiness

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

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

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.

phase

n. any stage in a series of events, change, or development

synonym : degree, stage, step

(1) enter on the last **phase**, (2) two- **phase** structure

The era of the industrial revolution was a crucial **phase** of history.

transform

v. to change in outward structure or looks;

synonym : alter, convert, change

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

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

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.

paradigm

n. a standard or typical example of something; a pattern or model

synonym: example, standard, epitome

(1) major **paradigm** shift, (2) cultural **paradigm**

He postulated a completely different **paradigm** to explain all these phenomena.

humanity

n. all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.

synonym: humankind, society, human race

(1) **humanity** at large, (2) mass of **humanity**

They donated large sums of money for the development of **humanity**.

sustainable

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

synonym: continuable, enduring, tolerable

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

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

stakeholder

n. a person or group that has an interest or concern in something, especially a business

synonym: shareholder, interested party

(1) **stakeholder** engagement, (2) improve **stakeholder**

relations

The organization held **stakeholder** consultations to gather input on the project.

absent

adj. not present in a particular place at a particular time

synonym: missing, away, not present

(1) **absent-minded**, (2) **absent** without leave

He was **absent** from the meeting and missed all the important updates.

negotiation

n. the process of discussing and reaching an agreement with others

synonym: bargaining, dialogue, haggling

(1) **negotiation** process, (2) **negotiation** skills

The **negotiation** between the two countries was a delicate and complex process.

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**.

refuse

v. to show that one is not willing to do or accept something

synonym: turn down, deny, decline

(1) **refuse** a request, (2) **refuse** the company

My initial reaction was to **refuse**.

compromise

v. to settle a problem or disagreement by mutual concession

synonym: agree, settle, negotiate

(1) **compromise** the matter, (2) cannot **compromise** anymore

They never **compromised** on development despite the lack of funds.

witness

n. a person who sees something happen, especially a crime or an accident

synonym: onlooker, attestant, bystander

(1) **witness** of the car accident, (2) a material **witness**

The manufacturing industry is **witnessing** fierce competition.

remarkable

adj. worthy of attention because unusual or special

synonym: outstanding, exceptional, extraordinary

(1) **remarkable** achievement, (2) the **remarkable** breadth of knowledge

The election was a **remarkable** success for the Whigs.

humble

adj. having or showing a modest or low estimate of one's quality or importance

synonym: modest, unpretentious, abject

(1) a **humble** cottage, (2) **humble** opinion

The nobler, the more **humble**.

grace

n. a quality of being pleasing, especially in appearance or manner; a temporary exemption, especially an extended period granted as a special favor; a short prayer of thanks before a meal

synonym: charm, poise, elegance

(1) say a **grace**, (2) end of the **grace** period

The old oak tree stood with **grace** and majesty in the park's center.

roughly

adv. approximately but not precisely; with a violent manner

synonym: approximately, more or less, around

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

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

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.

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.

civilization

n. a complex and highly organized society that has developed over time and has a dominant culture, including features such as language, religion, government, technology, and social customs

synonym: society, culture, community

(1) **civilization** decline, (2) lost **civilization**

The rise and fall of **civilizations** can be studied through history and archaeology.

proxy

n. a person or entity that is authorized to act on behalf of another person or entity

synonym: surrogate, representative, agent

(1) healthcare **proxy**, (2) **proxy** server

She voted by **proxy** because she was unable to attend in person.

temperature

n. the degree of hotness or coldness of a thing or place

synonym: climate, warmth, degree

(1) extreme **temperatures**, (2) the atmospheric **temperature**

Cities around the world set records for highest **temperatures** this summer.

variability

n. the fact or quality of something being likely to vary

synonym: variance, unevenness, inconstancy

(1) natural **variability**, (2) climate **variability**

There is considerable **variability** in all the test scores.

jumpy

adj. nervous, jittery, or prone to sudden movements or reactions; characterized by irregular or uneven

movement or motion

synonym : anxious, nervous, edgy

(1) **jumpy** cat, (2) **jumpy** behavior

The **jumpy** student was anxious during the exam and made several careless mistakes.

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.

colonize

v. to establish a colony in or on a specific place; to settle or occupy in large numbers

synonym : settle, occupy, inhabit

(1) **colonize** planets, (2) **colonize** for cultivation

European powers **colonized** much of the Americas in the 16th and 17th centuries.

stable

adj. firm and steady; not easily moved, disturbed, or changed

synonym : sturdy, unmoving, durable

(1) in **stable** condition, (2) have a **stable** job

Relations between the two countries have been relatively **stable** due to the summit meeting.

abandon

v. to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity

synonym : relinquish, leave behind, disregard

(1) **abandon** a friend, (2) **abandon** the practice

The castle was **abandoned** several years later.

hunt

v. to go after and try to catch wild animals to kill them for food, sport, or profit

synonym :

chase, pursuit, quest

(1) **hunt** a job, (2) **hunt** after knowledge

Hounds **hunt** their prey by using their keen scent.

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**.

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.

domesticate

v. to take control of animals or plants to provide food, power, or company

synonym: tame, naturalize, cultivate

(1) easy to **domesticate**, (2) **domesticate** the plant

We **domesticate** cows to gain milk and meat.

quadruple

v. to consist of four items or people; to become four times as great or many

(1) **quadruple** the amount, (2) **quadruple** the price of gold

His stock earnings **quadrupled**.

squeeze

v. to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness

synonym: compress, crush, clamp

(1) **squeeze** a lemon, (2) **squeeze** a confession

She **squeezed** the toothpaste tube from the middle to get the last bit out.

population

n. the total number of people in a country, region, or location

synonym : people, inhabitants, folk

(1) **population** change, (2) labor **population**

In just four years, the **population** has doubled.

numb

adj. unable to feel physical sensation and movement; not showing human feeling or sensitivity

synonym : dazed, insensitive, emotionless

(1) **numb** with cold, (2) a **numb** mind

My left arm became **numb**.

committed

adj. willing to put in a lot of effort, time, and energy into something; firmly believing in something

synonym : devoted, faithful, attached

(1) in a **committed** relationship, (2) strong and **committed** sales staff

Our company is strongly **committed** to meeting customers' needs.

equity

n. the value of the shares issued by a company

synonym : fairness

(1) private **equity** firm, (2) **equity** capital market

That company is cautious when it comes to **equity** investment.

minority

n. the smaller part of a group, especially a number or part representing less than half of the whole; a period before adult legal age

synonym : adolescence, nonage, juvenility

(1) a **minority** position, (2) number of **minority** students

Some ethnic **minority** groups experienced discrimination in society.

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.

bandwagon

n. a popular or fashionable trend or cause that attracts a large number of people who want to be part of it, often without considering its merits or drawbacks

synonym : trend, fad, craze

(1) get on the **bandwagon**, (2) **bandwagon** effect

Many people jumped on the health food **bandwagon** after realizing its benefits.

aspiring

adj. desiring or striving for recognition or advancement; wanting to be successful in life

synonym : hopeful, ambitious, eager

(1) **aspiring** prime minister, (2) have **aspiring** eyes

He was extremely generous to the **aspiring** young artist.

momentous

adj. of great significance, importance, or consequence; having a profound or lasting effect or impact

synonym : important, significant, eventful

(1) **momentous** achievement, (2) **momentous** decision

Graduating from college is a **momentous** occasion in one's life.

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.

agenda

n. a list or outline of things to be done, discussed, or considered

synonym : program, schedule, list

(1) **agenda** setting, (2) ambitious **agenda**

The **agenda** for the meeting includes discussions on the budget and new project proposals.

policy

n. a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective

synonym : strategy, plan, guideline

(1) health **policy**, (2) foreign **policy**

The company's new **policy** on remote work has made it a more inclusive workplace.

interpretation

n. an explanation or opinion of something, especially that is not immediately obvious

synonym : rendering, explanation, understanding

(1) the **interpretation** of history, (2) open to **interpretation**
His **interpretations** of literary works are often unique.

stabilize

v. to become or cause to become steady or unlikely to give way

synonym : brace, steady, secure

(1) **stabilize** prices, (2) **stabilize** blood sugar levels

The raising of interest rates **stabilizes** the inflation rate.

greenhouse

n. a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in

synonym : conservatory

(1) exotic plants in a **greenhouse**, (2) emissions of **greenhouse** gases

The **greenhouse** effect is a phenomenon that happens naturally.

ppm

n. an abbreviation for "parts per million," used to express the concentration of a substance in a solution or mixture

synonym : parts per million, concentration, proportion

(1) **ppm** volume fraction, (2) **ppm** level

According to the World Health Organization, the recommended safe lead level in drinking water is 15 **ppm**.

exceed

v. to surpass or go beyond a limit, expectation, or requirement; to be better or greater than anticipated or desired

synonym: surpass, outdo, excel

(1) **exceed** sales targets, (2) **exceed** the speed limit

The athlete's performance **exceeded** all expectations, breaking a world record.

degree

n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

synonym: level, qualification, diploma

(1) bachelor's **degree**, (2) **degree** centigrade

She received her **degree** in psychology from the university.

destabilize

v. to cause something to become less stable or secure

synonym: unsettle, disrupt, upset

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

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

meter

n. a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse

synonym: gauge, indicator, rhythm

(1) a gas **meter**, (2) poetic **meter**

The **meter** on the wall showed that the room was three meters long.

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.

unfortunately

adv. by bad luck; unluckily

synonym: regrettably, unluckily, alas

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

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

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**.

decline

v. to become gradually smaller, fewer, worse, etc.; to refuse to accept

synonym: descend, drop, deny

(1) **decline** a job offer, (2) **decline** in quality

As people age, their digestive capacity also gradually **declines**.

function

n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

synonym: purpose, mapping, job

(1) **function** properly, (2) immune **function**

The brain is an incredibly complex organ that controls the body's **function**.

regulate

v. to control something, especially by means of rules or laws

synonym : control, restrain, handle

(1) **regulate** blood sugar levels, (2) **regulate** our conduct
We must manage to **regulate** our expenditure.

biodiversity

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

(1) **biodiversity** conservation, (2) loss of **biodiversity**
The country was instrumental in promoting the **biodiversity** treaty.

forth

adv. forward, outward, or onward in location, direction, or progress; into view or consideration; with confidence, boldness, or in the open

synonym : forward, onwards, ahead

(1) bring **forth** a beautiful vase, (2) call **forth** demand
I pushed **forth** with my new project, even though it would take much hard work.

notion

n. a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts

synonym : idea, concept, belief

(1) **notion** of success, (2) vague **notion**

The **notion** of time travel has long fascinated scientists and fiction writers alike.

linear

adj. of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph

synonym : straight, direct, right

(1) **linear** trend, (2) a **linear** equation

People tend to make **linear** predictions.

predictable

adj. capable of being known, seen or declared in advance

synonym : foreseeable, expectable, likely

(1) **predictable** pattern, (2) in a **predictable** manner

The economy becomes more volatile and less **predictable**.

controllable

adj. able to be controlled or directed

synonym : manageable, governable, submissive

(1) computer- **controllable**, (2) **controllable** aircraft

The new software is much more **controllable** and user-friendly.

universal

adj. existing or affecting everywhere or everyone

synonym : common, broad, worldwide

(1) **universal** life, (2) principles of **universal** design

The picture earned near- **universal** acclaim from critics.

tip

n. the top or extreme point of something slender or tapering, usually a mountain or hill; a piece of advice about something practical; a small amount of money given for services

synonym : edge, advice, gratuity

(1) the **tip** of a paintbrush, (2) give the waiter a **tip** .

I will introduce some **tips** on learning English in this class.

abrupt

adj. sudden and unexpected

synonym : sudden, unexpected, quick

(1) **abrupt** departure, (2) speak in an **abrupt** manner

The sudden, **abrupt** change in weather caught everyone by surprise.

irreversible

adj. impossible to change or return to a previous condition

synonym : irrevocable, unrecoverable, permanent

(1) avoid **irreversible** damage, (2) an **irreversible** change

The development of agricultural technology has had an **irreversible** impact on humanity.

pose

v. to present a risk, problem, or other issues that must be addressed

synonym : present, put, position

(1) **pose** a significant threat to my company, (2) **pose** a challenge

The chemicals **pose** a massive health risk.

geology

n. a science that deals with the history of the earth as recorded in rocks

synonym: earth science

(1) bureau of **geology**, (2) local **geology**

He was a visiting **geology** professor at the University of Tokyo.

era

n. a period that is distinct from others, typically in history

synonym: epoch, age, period

(1) dawn of a new **era**, (2) the **era** of the Renaissance

Political corruption was common throughout the postwar **era**.

predominant

adj. having control, authority, or influence that is greater than that of others; prevailing or vastly more abundant than others of the same kind

synonym: cardinal, prevailing, superior

(1) **predominant** color, (2) a **predominant** species

In this office, teamwork is the **predominant** factor in achieving success.

ample

adj. enough or more than enough; having plenty of something

synonym: plentiful, rich, sufficient

(1) **ample** opportunities, (2) **ample** evidence

We have **ample** time to finish the project before the deadline.

carbon

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

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

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

oxide

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

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

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

stick

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

synonym : pierce, adhere, stay

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

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

accelerate

v. to make something faster or earlier; to cause to develop or progress more quickly

synonym : speed up, quicken, rev

(1) **accelerate** a chemical reaction, (2) **accelerate** the car

The government tried to **accelerate** the commercialization of this development.

virtually

adv. almost completely

synonym : almost, basically, nearly

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

Virtually all the parties signed the contract.

parameter

n. a numerical or other measurable factors that characterize a system or set of data

synonym : factor, variable, characteristic

(1) **parameter** estimation, (2) **parameter** tuning

The temperature range was one of the critical **parameters** we had to consider when designing the experiment.

well-being

n. the state of being happy and healthy and prosperous

synonym : health, welfare, happiness

(1) the **well-being** of a nation, (2) a sense of **well-being**

We are responsible for the care and **well-being** of all our employees.

nit

n. the egg of a louse (= that is a tiny insect that lives in human hair) or some other insect; a foolish person

(1) **nit** in the dog's fur, (2) she is a little **nit**

Careful brushing can remove **nit**.

methane

n. a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel

(1) atmospheric **methane**, (2) reduce **methane** emissions

The ignition of **methane** gas in the plant killed five employees.

deforest

v. to clear an area of forest or trees

synonym: clear-cut, strip, denude

(1) **deforest** a mountain, (2) **deforest** millions of acres

The company planned to **deforest** a large rainforest area to make way for a new plantation.

overfishing

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

synonym: overharvesting, over-exploitation, depletion

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

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

degradation

n. the condition or process of changing to a lower state, or a less respected state

synonym: depravity, degeneration, deterioration

(1) **degradation** by heat, (2) live in **degradation**

Many researchers are monitoring environmental **degradation** in real-time through satellites.

simultaneously

adv. at the same time

synonym: concurrently, coincidentally, together

(1) **simultaneously** affected, (2) take several inputs

simultaneously

Two students answered the teacher's question

simultaneously.

branch

n. a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization

synonym: limb, twig, bough

(1) **branch** office, (2) a **branch** pipe

The **branch** of the tree had fallen and blocked the road.

acceleration

n. a rate of increase in velocity; the rate of change of velocity with respect to time

synonym: speed up, quicken, hastening

(1) a unit of **acceleration**, (2) **acceleration** of an object

The car's **acceleration** was impressive, going from 0 to 60 mph in just 5 seconds.

enterprise

n. a business or company; a purposeful or industrious undertaking, especially one that requires effort

synonym: business, company, industry

(1) undertake an **enterprise**, (2) his business **enterprise**

A growing **enterprise** requires a bold leader.

imprint

v. to make a mark or impression on a surface; to leave a lasting impression or influence on someone or something; (noun) a mark or impression made by pressing or stamping something onto a surface; a distinctive feature or characteristic that is left by something or someone

synonym: impress, stamp, engrave

(1) DNA **imprint**, (2) **imprint** a memory

He wanted to **imprint** his brand logo on the product.

disciplinary

adj. of or relating to the punishment of people who break the rules; of or relating to a specific field of academic study

synonym : corrective, punitive, instructive

(1) **disciplinary** action, (2) take **disciplinary** measures

The school's **disciplinary** committee met to discuss the student's behavior.

conclude

v. to come to an end or close; to reach a judgment or opinion by reasoning

synonym : complete, finish, decide

(1) **conclude** a meeting, (2) **conclude** that he is healthy

We **concluded** a cease-fire.

curve

n. a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape

synonym : bend, arc, turn

(1) learning **curve**, (2) yield **curve**

The **curve** in the road was so sharp that I had to slow down to navigate it safely.

challenging

adj. difficult, demanding, or requiring a high degree of skill or effort; presenting a difficult problem or obstacle

synonym : difficult, demanding, arduous

(1) **challenging** task, (2) mentally **challenging**

The advanced math problem was **challenging**, but the student was determined to solve it.

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.

recognize

v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

synonym: acknowledge, identify, admit

(1) **recognize** talent, (2) **recognize** achievement

It's important to **recognize** your strengths and weaknesses.

statistics

n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

(1) **statistics** for cancer, (2) official **statistics**

The **statistics** demonstrate that poverty and unemployment are genuine problems.

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.

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.

illustrate

v. to provide pictures, photographs, diagrams, etc. in a book or something for explanation

synonym: demonstrate, explain, exemplify

(1) **illustrate** a key point, (2) **illustrate** a story

The company's financial records **illustrate** how successful it has been.

diagram

n. a simplified illustration of the appearance, structure, or workings of something

synonym: chart, figure, graph

(1) 3D **diagram**, (2) in a **diagram**

He is drawing a **diagram** illustrating how the equipment

operates.

depth

n. the distance between the top and bottom of something; between the top surface and a distance below it

synonym: deepness, profoundness, extent

(1) **depth** camera, (2) the **depth** of the water

The pond's **depth** was around five feet.

gradual

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

synonym: incremental, gradational, piecemeal

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

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

erosion

n. the wearing away of rock, soil, or land by natural processes such as wind or water

synonym: corrosion, weathering, decay

(1) **erosion** control, (2) wind **erosion**

The **erosion** of the coastline has accelerated due to rising sea levels.

suddenly

adv. quickly and unexpectedly

synonym: abruptly, unexpectedly, unawares

(1) **suddenly** attacked by an enemy, (2) die **suddenly**

Who answers **suddenly** knows little.

literally

adv. in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively

synonym: actually, truly, verily

(1) translate **literally**, (2) bite his tongue **literally**

He **literally** jumped out of his chair when he heard the news.

desire

n. a strong feeling of wanting to have or do something

synonym: ambition, appetite, greed

(1) unsatisfied **desire**, (2) fleshly **desire**

Low sexual **desire** typically correlates with low testosterone

levels.

physics

n. the science of matter and energy and their interactions

(1) nuclear **physics**, (2) laws of **physics**

He studied the **physics** of radiation.

logic

n. a way of thinking or reasoning conducted or evaluated by strict validity principles; the study of correct reasoning or good arguments

synonym: reasoning, reason, ratiocination

(1) an indisputable **logic**, (2) a demonstration in **logic**

There's no **logic** in his description.

coral

n. a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry

(1) **coral** island, (2) **coral** ornament

She is wearing a **coral** necklace.

reef

n. a long chain or range of rocks or sand near the ocean's surface

(1) barrier **reef**, (2) coral **reefs**

The vessel ran aground on a **reef**.

nutrient

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

synonym: food, vitamin

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

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

trigger

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

synonym: activate, spark, drive

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

The incident **triggered** a political controversy.

economy

n. the system by which a country or region produces, manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

synonym: finance, trade, business

(1) **economy** of scale, (2) **economy** class

The **economy** of the country is struggling due to the recent political instability.

arctic

adj. of or relating to the region around the North Pole or the Arctic Ocean; very cold

synonym: cold, frozen, polar

(1) **arctic** ice, (2) high **arctic**

Cold temperatures and long, dark winters characterize the **arctic** climate.

biome

n. a major ecological community characterized by particular plant and animal species adapted to a specific climate and geographic region, such as desert, tundra, or rainforest

synonym: ecosystem, habitat, biota

(1) **biome** conservation, (2) marine **biome**

The rainforest is one of the most diverse **biomes** on the planet.

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.

crossing

n. the act of going from one side to the other; a place where roads, railway tracks, or rivers intersect

synonym: intersection, junction

(1) **crossing** bridge, (2) a **crossing-keeper**

The busy road was closed for a few hours for a railway

crossing.

surprisingly

adv. in a way that causes amazement or wonder

synonym : exceptionally, notably, unusually

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

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

drama

n. a play in a theatre, television, or radio, or performance on a stage

synonym : acting, play, theater

(1) secular **drama**, (2) upcoming crime **drama**

She had an audition for **drama** school.

absorb

v. to take in a fluid or other substance gradually

synonym : consume, soak, ingest

(1) **absorb** energy, (2) **absorb** a shock

The sponge **absorbs** water well.

warn

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

synonym : alert, caution, admonish

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

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

precarious

adj. not securely held or in position; dangerously unstable or uncertain; dependent on chance or uncertain conditions

synonym : precariousness, instability, uncertainty

(1) **precarious** job, (2) **precarious** financial situation

She had a **precarious** hold on the ladder and was afraid to move.

sideline

n. a secondary or less significant job, interest, or activity; a line on the side of a sports field that players must stay behind; (verb) to remove someone from their position or role, often temporarily or as a result of a setback or failure

synonym : sidestep, periphery, (verb) ignore

(1) **sideline** reporter, (2) lucrative **sideline**

The coach benched the star player after he broke a team rule, leaving him on the **sideline** for the entire game.

submarine

n. a type of underwater vehicle or vessel that can operate beneath the surface of the water; (adjective) beneath the surface of the sea

synonym : sub, underwater vessel, sea-craft

(1) a **submarine** volcano, (2) **submarine** cable

The military **submarine** disappeared without a trace.

wetland

adj. land that is saturated with water, either permanently or seasonally, such as swamps, marshes, and bogs

synonym : bog, marsh, swamp

(1) **wetland** conservation, (2) **wetland** ecosystem

The **wetland** area was home to many different species of birds.

unclear

adj. poorly stated or described and therefore not easy to understand; not easy to perceive

synonym : ambiguous, fuzzy, obscure

(1) an **unclear** match, (2) in no **unclear** terms

It is important not to undertake tasks with **unclear** objectives to improve productivity.

monsoon

n. a seasonal wind system that brings heavy rainfall to a region, typically occurring in tropical areas

synonym : rainy season, deluge, downpour

(1) **monsoon** season, (2) **monsoon** current

The **monsoon** rains often bring relief to areas suffering from drought.

rainforest

n. a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall

(1) **rainforest** destruction, (2) tropical **rainforest**

The destruction of the **rainforest** is a ticking time bomb for the Earth.

nonlinear

adj. pertaining to a system or process that does not follow a straight or predictable path, often resulting in unexpected or unpredictable outcomes or behaviors

synonym: complex, unpredictable

(1) **nonlinear** equation, (2) **nonlinear** system

The professor taught us about the experiment's **nonlinear** relationships between different variables.

threaten

v. to utter intentions of injury or punishment against someone

synonym: endanger, terrorize, intimidate

(1) **threaten** a healthy relationship, (2) **threaten** national security

Various artificially induced causes are **threatening** our ecosystem.

extraordinary

adj. exceptional, unexpected, very unusual; surpassing the ordinary or usual

synonym: exceptional, noteworthy, astonishing

(1) **extraordinary** ability, (2) **extraordinary** weather

He narrated the **extraordinary** story of his adventure.

deleterious

adj. causing harm, damage, or injury; having a detrimental or destructive effect

synonym: harmful, damaging, detrimental

(1) **deleterious** actions, (2) **deleterious** impact

Smoking has **deleterious** effects on your health, especially your lungs.

catastrophic

adj. extremely harmful; causing physical or financial destruction

synonym: fatal, disastrous, destructive

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

change

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

gentle

adj. having or showing a kindly or tender nature; soft and mild

synonym : mild, delicate, soft

(1) in a **gentle** voice, (2) **gentle** downward slope

Her **gentle** manner relaxed everyone there.

standing

adj. existing or remaining upright; having a vertical position;
(noun) social, financial, or professional status or reputation

synonym : upright, vertical, (noun) position

(1) **standing** water, (2) his social **standing**

The **standing** concert was packed with fans.

foam

n. a mass of small air bubbles formed on the surface of a liquid; a substance that forms a lather when mixed with water

synonym : froth, lather, bubble

(1) the **foam** on a beer, (2) plastics **foam** material

The waves crashed against the rocks, creating white **foam**.

slippery

adj. difficult to hold firmly or stand on because it is wet or smooth; not to be trusted

synonym : smooth, glistening, furtive

(1) a **slippery** customer, (2) **slippery** ice

How extraordinarily **slippery** a liar the camera is.

fence

n. a structure, usually made of wood or metal, that encloses an area, typically for protection or to keep animals or people in or out; a dealer in stolen property

synonym : barrier, wall, hedge

(1) **fence** post, (2) a brushwood **fence**

She planted a hedge to serve as a natural **fence** around her garden.

upstream

adj. in the direction against a stream's current; (adverb) toward the source or beginning of a stream, river, or process

synonym : upriver, up-current

(1) swim **upstream**, (2) **upstream** direction

The company is investing heavily in **upstream** research and development.

zone

n. a specific area, region, or section that is marked off or defined in some way

synonym : area, region, territory

(1) time **zone**, (2) **zone** defense

He was reluctant to leave his comfort **zone** and try something new.

analyze

v. to think about in-depth and evaluate to discover essential features or meaning

synonym : explore, examine, investigate

(1) **analyze** a chemical compound, (2) **analyze** your real motives

The teacher attempted to **analyze** the root cause of our mistake.

aim

v. to try or plan to get or achieve something

synonym : aspire, direct, target

(1) **aim** at a specific target, (2) **aim** to be a nurse

We **aim** for an overseas expansion.

minimize

v. to make something, especially something bad, small or less serious

synonym : diminish, mitigate, belittle

(1) **minimize** a loss, (2) way to **minimize** conflict

I bought a gadget before my trip to help **minimize** stress during the flight.

process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or

approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym: procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

steward

n. a person responsible for the management and care of another's property or for the supervision of the domestic staff of a large household or organization; a person in charge of arranging for the supply of food to a college, club, etc.

synonym: caretaker, manager, custodian

(1) **steward** duties, (2) **steward** service

The **steward** on the flight was very helpful in assisting passengers with their needs.

advancement

n. the development, improvement, or progress of something

synonym: progression, breakthrough, improvement

(1) **advancement** of knowledge, (2) career **advancement**
Competition between countries resulted in fast technological **advancement**.

identify

v. to recognize someone or something and say or prove who or what they are

synonym: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences

I will introduce you to how to **identify** the leading causes of the malfunction.

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.

boundary

n. a real or imaginary line that marks the limit or extent of something and separates it from other things or places

synonym: border, frontier, limitation

(1) geographical **boundary**, (2) the **boundary** between reality and fantasy

He wandered the **boundary** between life and death by gunfire.

operate

v. to work in a particular way; to supervise something

synonym: work, use, employ

(1) **operate** 24 hours a day, (2) manually **operate** a machine

This machine is too difficult to **operate** for me.

propose

v. to make a proposal, declare a plan for something

synonym: suggest, offer, recommend

(1) **propose** the amendment, (2) **propose** changes

I want to **propose** a toast in honor of our longstanding relationship.

interconnect

v. to connect similar things

synonym: interlink, connect, annex

(1) directly **interconnect** with those systems, (2) human activities **interconnect** with the environment

Our system can now **interconnect** with other databases.

stratosphere

n. the second layer of the Earth's atmosphere, extending from about 7 to 50 kilometers above the Earth's surface, containing the ozone layer

synonym: upper atmosphere, ozone layer

(1) **stratosphere** layer, (2) **stratosphere** ozone

The ozone layer, which protects us from harmful UV radiation, is in the **stratosphere**.

ozone

n. a poisonous gas with the chemical formula O₃, which has a strong smell

(1) **ozone** depletion, (2) atmospheric **ozone**

The **ozone** layer is vital for blocking some harmful sun rays.

depletion

n. the reduction of something, especially a natural resource, to a critically low level

synonym: exhaustion, deficiency, reduction

(1) **depletion** of bodily fluids, (2) **depletion** of ozone

The **depletion** of natural resources is a major concern for environmentalists.

acidification

n. the act or process of becoming acid or making something become acid

(1) **acidification** of soil, (2) stream **acidification**

Ocean **acidification** leads to a decrease in tiny sea snails.

large-scale

adj. involving many people or things and involving a lot of change or activity

synonym: big, massive, grand

(1) **large-scale** project, (2) **large-scale** agriculture

The company is planning to make a **large-scale** expansion of its factory.

paleolithic

adj. of or relating to the second period of the Stone Age, which represents almost the entire period of prehistoric human technology

(1) **paleolithic** cave painting, (2) the **Paleolithic** era

The scientist found **paleolithic** artifacts in the historic site.

variable

adj. likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed

synonym: erratic, inconsistent, irregular

(1) a **variable** species, (2) a dependent **variable**

Rainfall in the tropics is highly **variable**.

hood

n. a covering for the head and neck, especially one attached to a garment

synonym: hoodie, cowl, cloak

(1) **hood** ornament, (2) a silk **hood**

He pulled his waterproof **hood** up to protect himself from the rain.

buffer

n. a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage

synonym: cushion, shield, insulation

(1) a **buffer** between the quarreling parents, (2) use a **buffer** to reduce noise

Using a password manager can act as a **buffer** against hackers who try to steal your personal information.

interference

n. the act or process of getting involved in and trying to influence a specific situation; the state of being affected and influenced with

synonym: obstruction, hindrance, impedance

(1) officious **interference**, (2) **interference** wave

Unfortunately, the radio **interference** made it difficult to hear the broadcast.

nitrogen

n. a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins

(1) heavy **nitrogen**, (2) **nitrogen** absorption

Nitrogen gas is used to inflate car tires because it does not react with rubber.

phosphorus

n. a chemical element with the symbol P and atomic number 15 that is a non-metallic, highly reactive, and luminescent element

synonym: P, phosphoric, phosphorous

(1) **phosphorus** element, (2) yellow **phosphorus**

Phosphorus compounds are commonly used to manufacture fertilizers to promote plant growth.

cycle

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

synonym: revolution, rotation, bike

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

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

freshwater

adj. living in, found in, or connecting with water that does not contain salt

(1) **freshwater** area, (2) **freshwater** aquatic bird

This microbe is a parasite of **freshwater** fish.

biomass

n. the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms

(1) **biomass** energy, (2) fuel **biomass**

The **biomass** in a forest can be measured by collecting and weighing all living plants within a specific area.

sequester

v. to take temporary possession of someone's property until a debt is paid.

synonym: isolate, set apart, segregate

(1) **sequester** ten percent of the annual carbon emissions,

(2) **sequester** myself from the world

He approved their requests to **sequester** the jury.

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.

quantity

n. the amount or number of something; magnitude
synonym: abundance, portion, amount

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

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

pollution

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

synonym: corrosion, deterioration, corruption

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

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

pollute

v. to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals

synonym: contaminate, corrupt, degrade

(1) **pollute** the air, (2) **pollute** the thread

We should do our best not to **pollute** the environment.

sulfur

n. (also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications

(1) **sulfur** dioxide, (2) **sulfur** mine

The **sulfur** emissions from the nearby factory caused the rotten egg smell.

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.

integrate

v. to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups

synonym: mix, merge, combine

(1) **integrate** into the existing system, (2) **integrate** both businesses

He found that it is difficult to **integrate** socially.

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.

indicate

v. to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly

synonym: hint, suggest, show

(1) **indicate** a preference, (2) **indicate** an error

The data **indicates** that the company's profits have steadily increased over the past quarter.

musket

n. a long, smoothbore gun used in warfare from the 16th to 19th centuries, typically fired from the shoulder and loaded through the muzzle

synonym: rifle, firearm, gun

(1) antique **musket**, (2) civil war **musket**

The **musket** ball was made of lead and could cause serious injuries or even death to those hit by it.

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.

bang

v. to hit or cause to hit something in a way that makes a loud noise

synonym : crash, hit, smash

(1) **bang** his fist on a desk, (2) **bang** a phone down

My father tried to **bang** mathematics into my head since childhood.

equivalent

n. having the same value, quality, meaning, purpose, etc.

synonym : equal, counterpart, match

(1) **equivalent** amounts, (2) **equivalent** in meaning

The European Central Bank is Europe's **equivalent** of the Federal Reserve.

quantify

v. to express or measure something in numerical terms

synonym : measure, express, determine

(1) **quantify** the results, (2) **quantify** blood flow

He tried to **quantify** the amount of product that was needed to complete the job.

dot

n. a very small circular mark, especially one that is printed

synonym : drop, dab, fleck

(1) connecting the **dots**, (2) **dot** blot method

The wallpaper had a pattern of pink **dots** on a white surface.

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.

atmosphere

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

synonym : air, ambiance, circumstances

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

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

atmosphere.

biosphere

n. the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms

synonym : ecosphere, ecospace, ecosystem

(1) terrestrial **biosphere**, (2) artificial **biosphere**

The balance of the **biosphere** is crucial for the survival of species.

naturally

adv. as might be expected; by natural manners

synonym : by nature, inherently, intrinsically

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

He was **naturally** gifted.

transgress

v. to break the law or moral code; to go beyond or exceed the limits or boundaries of something

synonym : trespass, violate, infringe

(1) **transgress** boundaries, (2) **transgress** against the rules

The company was fined for **transgressing** environmental regulations.

estimate

v. to guess or calculate the cost, size, value, etc. of something

synonym : calculate, gauge, evaluate

(1) **estimate** a fair value, (2) **estimate** this chicken to weigh three pounds

We **estimated** the season's total trade deficit at \$50 billion.

extinction

n. the complete disappearance of a species from the earth

synonym : disappearance, eradication, annihilation

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

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

dinosaur

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

synonym : reptile, beast, monster

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

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

approaching

adj. drawing nearer in time or space; coming close to someone or something

synonym : nearing, coming, getting closer

(1) **approaching** deadline, (2) **approaching** retirement

The **approaching** storm clouds filled the sky with ominous darkness.

overpower

v. to conquer or establish complete control over someone by using superior strength

synonym : overwhelm, conquer, surpass

(1) **overpower** the suspect, (2) **overpower** the opponent

The shooter was eventually **overpowered** and arrested by police.

straight

adj. extending or moving in one direction without bending or curving; having no deviations

synonym : linear, honest, consecutive

(1) a **straight** line, (2) **straight** for two months

He was sick for five **straight** days.

highway

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

synonym : road, expressway, freeway

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

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

gloomy

adj. characterized by a lack of light or sunshine, resulting in a dark or dim atmosphere; feeling despondent, dismal, or melancholy

synonym : melancholy, dismal, dreary

(1) **gloomy** mood, (2) **gloomy** expression

The **gloomy** weather made staying motivated and happy throughout the day hard.

utopia

n. an ideal and perfect society in which all social and political problems have been solved, and all members live in harmony and prosperity

synonym: paradise, heaven, Arcadia

(1) perfect **utopia**, (2) a **utopia** for an engineer

The concept of **utopia** is often viewed as an impossible or unrealistic goal, as it goes beyond what is currently possible.

innovative

adj. introducing or using new methods, ideas, etc.

synonym: creative, ingenious, inventive

(1) use of **innovative** technology, (2) stylistically **innovative** works

The Prime Minister stressed the need to create **innovative** industries.

gear

n. a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose

synonym: equipment, tools, apparatus

(1) sports **gear**, (2) a **gear** change lever

She checked her **gear** before embarking on the hike.

moving

adj. causing strong emotions or feelings, especially sadness or sympathy

synonym: emotional, poignant, touching

(1) **moving** experience, (2) **moving** ceremony

His **moving** speech about his struggles with addiction brought tears to the audience's eyes.

fundamental

adj. forming an essential base or core from which everything else develops or is affected

synonym: basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights
Human behavior has **fundamental** characteristics.

governance

n. the act or process of governing or managing a political, social, or economic entity; the systems or principles that guide such processes

synonym: administration, management, direction

(1) good **governance**, (2) corporate **governance**

The United Nations assists countries in building strong **governance** frameworks and institutions.

command

n. authority, control, or mastery over something, often referring to military or leadership contexts; a directive, order, or instruction; expertise or confidence in a specific area; (verb) to give an authoritative order or instruction, or to be in charge or control of something

synonym: control, authority, leadership

(1) **command** and control, (2) **command** a battery

The general gave a **command** to his troops to prepare for battle.

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**.

optimize

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

synonym: advance, amend, improve

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

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

flexible

adj. able to change or be changed to suit new conditions or situations; able to bend easily

synonym: adaptable, elastic, pliable

(1) **flexible** schedules, (2) a **flexible** wire

You can be more **flexible** and creative in your approach.

adaptive

adj. capable of adjusting to new situations or changing conditions

synonym: flexible, adjustable, pliant

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

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

redundancy

n. the state of being unnecessary, especially through being able to be replaced by something else

synonym: surplus, excess, overabundance

(1) eliminate **redundancy**, (2) **redundancy** payment

The company had to let go of some employees due to **redundancy**.

turbulent

adj. marked by a lot of sudden changes, confusion, or uncertainty; characterized by intense activity or agitation

synonym: chaotic, stormy, tumultuous

(1) **turbulent** waves, (2) **turbulent** age

The stock market has been **turbulent** lately, with prices fluctuating rapidly.

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.

persistent

adj. continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time

synonym: tenacious, steadfast, unrelenting

(1) **persistent** cough, (2) **persistent** data

Despite the setbacks, he remained **persistent** in his pursuit

of his dreams.

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.

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.

shock

n. a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant

synonym: amazement, surprise, stunner

(1) death from **shock**, (2) **shock-resistant**

He got an electric **shock** at work.

transformation

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

synonym: change, conversion, renewal

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

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

capability

n. the ability, skill, or competence to do something; the potential or aptitude for a particular task or function

synonym: ability, capacity, competence

(1) **capability** assessment, (2) technological **capability**

The company's pricing strategy limits its **capability** to compete with other businesses in the market.

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.

unavoidable

adj. impossible to avoid or evade; inevitable

synonym: inevitable, inescapable, certain

(1) an **unavoidable** accident, (2) under **unavoidable** circumstances

There are now fears that war is **unavoidable**.

shift

n. a slight transition in position, direction, or trend

synonym: transition, change, modification

(1) Doppler **shift**, (2) major paradigm **shift**

Could you help me **shift** some furniture?

applied

adj. of or relating to a subject of study, especially a science, that is used in a practical way

synonym: practical, practiced, used

(1) **applied** research, (2) **applied** physics

Military technology eventually became the foundation for **applied** technology that supported people's lives.

plow

n. a farming implement used for breaking up and turning over the soil, especially before planting; (verb) to turn over and break up the soil in preparation for planting crops

synonym: plough, cultivator, hoe

(1) **plow** equipment, (2) deeply **plow** the soil

The farmer tied the yoke oxen to the **plow**.

dead-end

n. a street or path that has no exit or outlet; a situation or circumstance that has no remaining options or potential for progress or success

synonym: cul-de-sac, impasse

(1) **dead-end** situation, (2) **dead-end** street

His career was at a **dead-end** with no opportunities for growth.

yield

n. the total output of crops, profits, etc. that are produced;
(verb) to produce or supply helpful something, such as a profit, an amount of food, or information

synonym : proceeds, harvest, output

(1) corn **yield**, (2) the **yield** on the bond

The company's stock gives a high **yield**.

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.

livelihood

n. a means of earning money people need to pay for food, a place to live, clothing, etc.

synonym : occupation, living, income

(1) a means of **livelihood**, (2) **livelihood** assistance

I could no longer earn my own **livelihood**.

entrepreneurship

n. the process or skill of starting and running a business, particularly a new and innovative one

synonym : self-employment, risk-taking

(1) **entrepreneurship** culture, (2) embody

entrepreneurship

The government is investing in programs to support **entrepreneurship** and small business development.

partnership

n. the state of a cooperative relationship between people or groups, especially in business

synonym : alliance, participation, cooperation

(1) **partnership** across the Atlantic, (2) establish a

partnership

The military **partnership** between the two countries created

tension in the international community.

combine

v. to join or merge to form a single thing or group

synonym: coalesce, cohere, blend

(1) **combine** chemically with another substance,

(2) **combine** augmented reality

Hydrogen and oxygen **combine** to form water.

mulch

n. a protective covering, often made of organic materials such as wood chips, straw, or leaves, applied to the soil around plants to suppress weed growth, retain moisture, and provide insulation

synonym: compost, ground cover, bedding

(1) **mulch** from the vegetation, (2) organic **mulch**

The landscaper recommended a layer of rubber **mulch** for the children's playground as it provides cushioning and minimizes injuries from falls.

locally

adv. in or to a specific or limited area or region; focused or restricted to a particular locality or community

synonym: topically, nearby, regionally

(1) buy **locally**, (2) support **locally**

The restaurant sources its ingredients **locally**, ensuring freshness and supporting local farmers.

tremendous

adj. very great in degree or extent or amount or impact; extremely good

synonym: enormous, giant, immense

(1) **tremendous** amount, (2) **tremendous** popularity

We had a **tremendous** time yesterday.

barrier

n. a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective

synonym: border, barricade, fence

(1) cost **barrier**, (2) information **barrier**

The police placed a **barrier** across the street to halt traffic.

realization

n. the act or process of understanding or becoming aware of something; the act of achieving or completing something that was planned or desired; the act of making something real or tangible

synonym : achievement, attainment, understanding

(1) **realization** of a concept, (2) harsh **realization**

Her sudden **realization** of her mistake caused her great regret.

operator

n. a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations

synonym : controller, handler, manipulator

(1) **operator** error, (2) an elevator **operator**

The **operator** of the machine must follow strict safety protocols.

fishery

n. an area of water where fish are caught in large quantities for living; a business or practice of catching and selling fish

synonym : fishing, piscary, angling

(1) **fishery** management, (2) commercial **fishery**

The majority of the people on the island are **fishery** folk.

doom

n. death, destruction, or some other terrible situation that cannot be avoided

synonym : judgment, destiny, fate

(1) economic **doom**, (2) prophet of **doom**

Everyone was aware of the impending **doom** but was unable to prevent it.

regime

n. the organization, a system, or method that is the governing authority of a political unit

synonym : administration, establishment, government

(1) a puppet **regime**, (2) exercise **regime**

Totalitarian **regimes** are less likely to innovate because they deprive individuals of economic incentives.

beautify

v. to enhance the physical appearance of something by making it more attractive or aesthetically pleasing; to make something more attractive or appealing in general

synonym : embellish, enhance, decorate

(1) **beautify** my skin, (2) **beautify** a room

The city plans to **beautify** the park with new flowers and trees.

rack

n. a framework or support structure used to hold or display objects; a set of interconnected shelves or compartments used for storage; a source of torture, distress, or mental anguish

synonym : shelf, stand, frame

(1) clothing **rack**, (2) spice **rack**

I need to buy a new coat **rack** to organize my winter jackets.

opportune

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

synonym : suitable, timely, practical

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

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

mindset

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

synonym : attitude, ethos, mentality

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

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

strategy

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

synonym : approach, procedure, scenario

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

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

acknowledge

v. to accept or admit the existence, reality, or truth of something; to accept that someone or something has a particular authority or quality; to express obligation, thanks, or gratitude for someone's help, commitment, etc.;

synonym : accept, agree, declare

(1) **acknowledge** the deed, (2) **acknowledge** his help

He never **acknowledged** his fault.

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.

prone

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

synonym : inclined, susceptible, liable

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

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

polluted

adj. contaminated with harmful or poisonous substances

synonym : contaminated, poisoned, unclean

(1) **polluted** air, (2) cadmium- **polluted** area

The river was **polluted** with chemicals, causing harm to the wildlife.

nuisance

n. something or someone that causes annoyance, inconvenience, or discomfort; an unpleasant or irritating thing or person

synonym : bother, annoyance, disturbance

(1) traffic **nuisance**, (2) **nuisance** call

The barking dog next door is becoming quite a **nuisance**.

urban

adj. relating to or located in a town or city

synonym : metropolitan, civic

(1) **urban** planning, (2) **urban** property owners
Only a small number of **urban** utilities offer sanitation services.

component

n. one of several parts that combines with others to form something bigger

synonym: element, part, factor

(1) key **component**, (2) spare **components** for cars

The researchers try to discover a common **component** in all types of successful organizations.

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.

fee

n. a sum of money charged for a particular service

synonym: charge, cost, expense

(1) **fee** calculation, (2) service **fee**

The lawyer's **fee** for the case was \$10,000.

sink

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

synonym: descend, drop, plummet

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

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

expand

v. to increase or to make something greater in size, number, or importance

synonym: extend, grow, boost

(1) **expand** a lineup, (2) **expand** agricultural output

They hope to **expand** their business worldwide.

erode

v. to gradually wear away or break down (rock, soil, or other material) through the action of wind, water, or other natural agents; to gradually weaken or undermine (something) over time

synonym: wear away, deteriorate, corrode

(1) **erode** coast, (2) **erode** trust

The ongoing budget cuts have **eroded** the quality of education in many schools.

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.

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**.

rainfall

n. the amount of rain that falls in a specific location at a particular moment

synonym: downpour, drizzle, rain

(1) the mean annual **rainfall**, (2) heavy **rainfall**

These plants thrive in hot climates with abundant **rainfall**.

supplementary

adj. added to complete or enhance something; additional; subsidiary; complementary

synonym: additional, extra, complementary

(1) **supplementary** exam, (2) **supplementary** income

The student purchased a **supplementary** textbook to help with their studies.

irrigation

n. the agricultural practice of supplying land with water through pipes or channels so that crops grow well

(1) an **irrigation** ditch, (2) underground **irrigation** system

Archaeologists found traces of agricultural **irrigation** channels at the historic site.

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.

sanitation

n. the process of maintaining a clean and hygienic environment, particularly in public health and safety contexts; the practice of disposing of waste products in a safe and appropriate manner

synonym: cleanliness, hygiene, sterilization

(1) **sanitation** standards, (2) poor **sanitation**

Sanitation workers play a critical role in keeping our cities clean and healthy.

loop

n. a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself

synonym: circle, curl, spiral

(1) exit from a **loop**, (2) positive feedback **loop**

Many people in this city use the **loop** railway for transportation.

toilet

n. a bowl-shaped plumbing fixture with a seat for defecation and urination, or a room or building containing one or more of this fixture

synonym: bathroom, lavatory, washroom

(1) **toilet** paper, (2) **toilet** seat

She walked to the **toilet** to freshen up before the meeting.

triple

adj. consisting of three items or people; three times as great or many

synonym : threefold

(1) a **triple** mirror, (2) **triple** digits

His coach is a **triple** Olympic champion.

laureate

n. a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work

(1) Oscar **laureate**, (2) poet **laureate**

The Nobel **laureate** delivered an inspiring speech to the graduating class.

economics

n. the branch of social science that deals with the production, consumption, and transfer of goods and services

synonym : social science, finance, business

(1) welfare **economics**, (2) **economics** professor

His class will cover an introduction to agricultural **economics**.

empirical

adj. based on or verifiable by observation or experience rather than theory or pure logic

synonym : observational, experiential, factual

(1) **empirical** research, (2) **empirical** philosophy

The study's results were based on **empirical** evidence gathered from extensive research.

govern

v. to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services

synonym : control, rule, preside

(1) a nation's right to **govern**, (2) **govern** a public enterprise

The regulations **governing** medical malpractice claims are rigorous.

commons

n. the House of Commons, which is one of the two houses of Parliament; a piece of land or an area set aside for

public use, often used for recreation or grazing livestock;
a shared or public resource

synonym : park, common land, public space

(1) the creative **commons** license, (2) community
commons

The tragedy of the **commons** is an economic theory
explaining how individual actions can deplete shared
resources.

institutional

adj. of, in, or relating to a large important organization, such
as a university or bank; organized as or forming part of
the standard systems, practices, etc.

synonym : corporate, governmental

(1) **institutional** bank, (2) address **institutional** constraints

We have to discuss the **institutional** reforms of our country.

fossil

n. any preserved remains, impression, or trace of any
once-living thing that has become hard and turned into
rock

synonym : relic, remnant, antediluvian

(1) burning of **fossil** fuels, (2) a **fossil** leaf

It was the **fossil** of a dinosaur tooth.

dependence

n. the state or condition of relying or depending on
someone or something else; a relationship in which one
person or thing is influenced, controlled, or supported by
another

synonym : reliance, trust, addiction

(1) **dependence** on technology, (2) financial **dependence**

The patient's **dependence** on painkillers became a serious
concern for their healthcare team.

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.

scheme

n. an organized and often large-scale plan or arrangement for doing something

synonym: strategy, blueprint, plan

(1) a pilot **scheme**, (2) draw out a **scheme**

They carefully executed the well-planned **scheme** they had prepared over the years.

tariff

n. a tax imposed by a government on imported or exported goods

synonym: duty, tax, charge

(1) **tariff** policy, (2) **tariff** war

The new **tariff** on imported goods has sparked controversy among trade partners.

offshore

adj. situated at or happening in the sea, not far from the shore or land; (of winds) coming from the land

synonym: seaward, alongshore

(1) an **offshore** oil field, (2) an **offshore** fund

The company undertakes **offshore** development for software companies in many countries.

guarantee

v. to promise something will happen formally, especially that certain conditions about a product, service, or transaction would be met

synonym: assure, promise, warrant

(1) **guarantee** a high quality, (2) **guarantee** women equality

We cannot **guarantee** enough raw material sources.

renewable

adj. capable of being renewed, extended, or replaced

synonym: sustainable, replaceable

(1) **renewable** energy, (2) **renewable** subscriptions

The production of **renewable** fuels requires massive volumes of fresh water.

subsidize

v. to pay part of the cost of something to support an organization, activity, etc. financially

synonym: finance, endow, sponsor

(1) **subsidize** the project, (2) **subsidize** the cost

Governments **subsidize** renewable energy generation in various ways.

electrify

v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

synonym: wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing process

The product developed through years of research continues to **electrify** the market.

poverty

n. the condition of being extremely poor

synonym: deprivation, destitution, poorness

(1) **poverty** alleviation, (2) the cycle of **poverty**

Many studies have investigated the relationship between **poverty** and academic achievement.

regard

v. to think about or consider somebody or something in a specified way

synonym: consider, see, reckon

(1) **regard** him as an enemy, (2) **regard** the situation as unfortunate

Frugality and industry are still **regarded** as virtues.

sector

n. a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity

synonym: division, department, branch

(1) industrial **sector**, (2) private **sector**

The technology **sector** is constantly evolving and innovating.

stimming

n. a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation

synonym: self-stimulation, repetitive behaviors

(1) autistic **stimming**, (2) **stimming** therapy

Autistic children may engage in **stimming** behaviors, such as rocking or hand flapping, to self-regulate.

doubt

n. a feeling of being uncertain about something, especially about how good or accurate it is

synonym: distrust, suspect, mistrust

(1) dispel **doubts**, (2) no **doubt** about the news

Doubt is the start, not the end, of intelligence.

thread

n. a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching

synonym: filament, string, yarn

(1) **thread** a catheter, (2) start a new **thread**

The detective followed a **thread** of clues which ultimately led to the suspect's arrest.

cast

v. to cause light or shadow to appear on a surface; to assign or choose someone such as an actor or representative, especially by selection process

synonym: throw, project, select

(1) **cast** a ballot, (2) **cast** a charming eye

This accident **cast** a dark shadow over their lives.

backtrack

v. to retrace one's steps; to return along a path that one has already traveled, often to correct a mistake or find lost items

synonym : retrace, turn back, reverse

(1) **backtrack** statement, (2) **backtrack** on promise

We need to **backtrack** and figure out where we went wrong in our calculations.

increment

n. a regular increase in the amount of something, such as money; a process of becoming larger, longer, or more important

synonym : increase, expansion, addendum

(1) steady **incremental** growth, (2) small **increments**

The bid **increment** for this auction is \$100.

harsh

adj. severe and unkind; extremely tough and unpleasant to inhabit

synonym : brutal, severe, backbreaking

(1) **harsh** climate, (2) use of **harsh** chemicals

The prime minister faced **harsh** criticism.

industrialize

v. to organize the production of something into an industry

synonym : motorize

(1) **industrialize** service, (2) **industrialized** textile production

The nations of South East Asia will quickly **industrialize** and catch up with the West.

dramatic

adj. very sudden, very excellent, or full of action and excitement

synonym : striking, theatrical, breathtaking

(1) make **dramatic** changes, (2) a **dramatic** rescue at sea

The statement had a **dramatic** impact on house prices.

achieve

v. to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

synonym : accomplish, attain, reach

(1) **achieve** success, (2) **achieve** milestones

I will work hard to **achieve** my goals and realize my dreams.

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.

collaborate

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

synonym: cooperate, unite, get together

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

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

opt

v. to make a choice from a range of possibilities

synonym: choose, select, pick

(1) **opt** out of society, (2) **opt** for a traditional wedding

I decided to **opt** for premature retirement.

finite

adj. having a limit or restriction of size, time, etc.

synonym: delimited, defined, limited

(1) **finite** resources, (2) **finite** decimal

Human beings have a **finite** lifespan, so we yearn for the idea of immortality.

Session 2: Spelling

1. support lo____y
adv. in or to a specific or limited area or region; focused or restricted to a particular locality or community
2. su____r mine
n. (also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications
3. financial cr____s
n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
4. fi____e decimal
adj. having a limit or restriction of size, time, etc.
5. pre-mo____n agricultural society
adj. of or belonging to the present time or recent times
6. cr____ng bridge
n. the act of going from one side to the other; a place where roads, railway tracks, or rivers intersect
7. gu____ee women equality
v. to promise something will happen formally, especially that certain conditions about a product, service, or transaction would be met
8. die su____ly
adv. quickly and unexpectedly
9. qu____fy blood flow
v. to express or measure something in numerical terms

ANSWERS: 1. locally, 2. sulfur, 3. crisis, 4. finite, 5. modern, 6. crossing, 7. guarantee, 8. suddenly, 9. quantify

10. a puppet re___e *n.* the organization, a system, or method that is the governing authority of a political unit
11. pal_____ic cave painting *adj.* of or relating to the second period of the Stone Age, which represents almost the entire period of prehistoric human technology
12. an irr_____on ditch *n.* the agricultural practice of supplying land with water through pipes or channels so that crops grow well
13. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
14. co_____e augmented reality *v.* to join or merge to form a single thing or group
15. unsatisfied de___e *n.* a strong feeling of wanting to have or do something
16. to___t paper *n.* a bowl-shaped plumbing fixture with a seat for defecation and urination, or a room or building containing one or more of this fixture
17. an indisputable lo__c *n.* a way of thinking or reasoning conducted or evaluated by strict validity principles; the study of correct reasoning or good arguments
18. Doppler sh__t *n.* a slight transition in position, direction, or trend
19. pl___t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 10. regime, 11. paleolithic, 12. irrigation, 13. complexity, 14. combine, 15. desire, 16. toilet, 17. logic, 18. shift, 19. planet

20. combined ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element
21. em_____al research *adj.* based on or verifiable by observation or experience rather than theory or pure logic
22. mo___n poetry *adj.* of or belonging to the present time or recent times
23. go to the workplace by cy__e *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
24. health po___y *n.* a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective
25. li___r trend *adj.* of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph
26. bachelor's de___e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
27. co_____e electricity *v.* to spend something, especially fuel, energy, or time, in a large amount
28. translate li_____ly *adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively

ANSWERS: 20. oxide, 21. empirical, 22. modern, 23. cycle, 24. policy, 25. linear, 26. degree, 27. consume, 28. literally

29. in_____te into the existing system *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
30. coral r__fs *n.* a long chain or range of rocks or sand near the ocean's surface
31. mi_____ze a loss *v.* to make something, especially something bad, small or less serious
32. tr_____r inflation *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
33. re_____ze achievement *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
34. fi_____y management *n.* an area of water where fish are caught in large quantities for living; a business or practice of catching and selling fish
35. have sur_____gly little effect *adv.* in a way that causes amazement or wonder
36. principles of sus_____le development *adj.* able to continue or be continued for a long time
37. ro_____y speaking *adv.* approximately but not precisely; with a violent manner
38. id_____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are
39. have a st___e job *adj.* firm and steady; not easily moved, disturbed, or changed

ANSWERS: 29. integrate, 30. reef, 31. minimize, 32. trigger, 33. recognize, 34. fishery, 35. surprisingly, 36. sustainable, 37. roughly, 38. identify, 39. stable

40. pre_____nt color *adj.* having control, authority, or influence that is greater than that of others; prevailing or vastly more abundant than others of the same kind
41. str_____ere ozone *n.* the second layer of the Earth's atmosphere, extending from about 7 to 50 kilometers above the Earth's surface, containing the ozone layer
42. un_____ne their adversary's reputation *v.* to make someone or something less powerful, less effective, weaker gradually; to make someone's fame, confidence, or authority less effective or weaker gradually
43. co_____de a meeting *v.* to come to an end or close; to reach a judgment or opinion by reasoning
44. de___e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
45. sh__k-resistant *n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
46. use a bu___r to reduce noise *n.* a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage
47. con_____ble aircraft *adj.* able to be controlled or directed
48. ins_____nal bank *adj.* of, in, or relating to a large important organization, such as a university or bank; organized as or forming part of the standard systems, practices, etc.

ANSWERS: 40. predominant, 41. stratosphere, 42. undermine, 43. conclude, 44. degree, 45. shock, 46. buffer, 47. controllable, 48. institutional

49. ind_____ized textile production *v.* to organize the production of something into an industry
50. ab___t-minded *adj.* not present in a particular place at a particular time
51. a nation's right to go___n *v.* to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services
52. rai_____st destruction *n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
53. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected
54. unpre_____ted business opportunity *adj.* never having been seen, done, or known before
55. sta_____er engagement *n.* a person or group that has an interest or concern in something, especially a business
56. use of ha___h chemicals *adj.* severe and unkind; extremely tough and unpleasant to inhabit
57. the in_____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
58. ind_____ize service *v.* to organize the production of something into an industry
59. p___w equipment *n.* a farming implement used for breaking up and turning over the soil, especially before planting; (verb) to turn over and break up the soil in preparation for planting crops

ANSWERS: 49. industrialize, 50. absent, 51. govern, 52. rainforest, 53. fundamental, 54. unprecedented, 55. stakeholder, 56. harsh, 57. invention, 58. industrialize, 59. plow

60. c__t a ballot *v.* to cause light or shadow to appear on a surface; to assign or choose someone such as an actor or representative, especially by selection process
61. hu____ty at large *n.* all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.
62. de____st millions of acres *v.* to clear an area of forest or trees
63. 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
64. an energy eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
65. fi___e resources *adj.* having a limit or restriction of size, time, etc.
66. make dr_____ic changes *adj.* very sudden, very excellent, or full of action and excitement
67. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
68. immune fu_____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 60. cast, 61. humanity, 62. deforest, 63. threshold, 64. efficiency, 65. finite, 66. dramatic, 67. opportune, 68. function

69. mo___g ceremony *adj.* causing strong emotions or feelings, especially sadness or sympathy
70. an elevator op_____or *n.* a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations
71. re___e the company *v.* to show that one is not willing to do or accept something
72. a_m to be a nurse *v.* to try or plan to get or achieve something
73. am___e evidence *adj.* enough or more than enough; having plenty of something
74. hu_____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
75. a sl_____ry customer *adj.* difficult to hold firmly or stand on because it is wet or smooth; not to be trusted
76. get on the ba_____on *n.* a popular or fashionable trend or cause that attracts a large number of people who want to be part of it, often without considering its merits or drawbacks
77. high ar___c *adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold
78. st__k a key in a lock *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

ANSWERS: 69. moving, 70. operator, 71. refuse, 72. aim, 73. ample, 74. humming, 75. slippery, 76. bandwagon, 77. arctic, 78. stick

79. the cy__e of the seasons *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
80. 3D di____m *n.* a simplified illustration of the appearance, structure, or workings of something
81. prophet of d__m *n.* death, destruction, or some other terrible situation that cannot be avoided
82. victim of cat_____hic injuries *adj.* extremely harmful; causing physical or financial destruction
83. computer-con_____ble *adj.* able to be controlled or directed
84. mu__h from the vegetation *n.* a protective covering, often made of organic materials such as wood chips, straw, or leaves, applied to the soil around plants to suppress weed growth, retain moisture, and provide insulation
85. a pre_____nt species *adj.* having control, authority, or influence that is greater than that of others; prevailing or vastly more abundant than others of the same kind
86. a mi____ty position *n.* the smaller part of a group, especially a number or part representing less than half of the whole; a period before adult legal age
87. a tr___e mirror *adj.* consisting of three items or people; three times as great or many
88. ju__y cat *adj.* nervous, jittery, or prone to sudden movements or reactions; characterized by irregular or uneven movement or motion

ANSWERS: 79. cycle, 80. diagram, 81. doom, 82. catastrophic, 83. controllable, 84. mulch, 85. predominant, 86. minority, 87. triple, 88. jumpy

89. cha_____ng task *adj.* difficult, demanding, or requiring a high degree of skill or effort; presenting a difficult problem or obstacle
90. a ch_____al compound *adj.* relating to or connected with chemistry;
91. su_____ne cable *n.* a type of underwater vehicle or vessel that can operate beneath the surface of the water; (adjective) beneath the surface of the sea
92. the creative co_____s license *n.* the House of Commons, which is one of the two houses of Parliament; a piece of land or an area set aside for public use, often used for recreation or grazing livestock; a shared or public resource
93. a gas me__r *n.* a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse
94. a st_____ht line *adj.* extending or moving in one direction without bending or curving; having no deviations
95. w__ned me of the plan *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
96. effects of cl_____e change *n.* the weather in a particular location averaged over some long period
97. gu_____ee a high quality *v.* to promise something will happen formally, especially that certain conditions about a product, service, or transaction would be met

ANSWERS: 89. challenging, 90. chemical, 91. submarine, 92. commons, 93. meter, 94. straight, 95. warn, 96. climate, 97. guarantee

98. develop a st____gy
99. learning cu__e
100. an of____re fund
101. ex____d sales targets
102. poor san____on
103. tropical rai____st
104. career adv____nt
105. com____se the matter
106. re____le energy
107. na____ly arising
108. in st____e condition
- n.* a detailed plan of action designed to achieve a long-term or overall goal.
- n.* a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
- adj.* situated at or happening in the sea, not far from the shore or land; (of winds) coming from the land
- v.* to surpass or go beyond a limit, expectation, or requirement; to be better or greater than anticipated or desired
- n.* the process of maintaining a clean and hygienic environment, particularly in public health and safety contexts; the practice of disposing of waste products in a safe and appropriate manner
- n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
- n.* the development, improvement, or progress of something
- v.* to settle a problem or disagreement by mutual concession
- adj.* capable of being renewed, extended, or replaced
- adv.* as might be expected; by natural manners
- adj.* firm and steady; not easily moved, disturbed, or changed

ANSWERS: 98. strategy, 99. curve, 100. offshore, 101. exceed, 102. sanitation, 103. rainforest, 104. advancement, 105. compromise, 106. renewable, 107. naturally, 108. stable

109. a fl_____le wire *adj.* able to change or be changed to suit new conditions or situations; able to bend easily
110. in_____te a preference *v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
111. col_____te on a press release *v.* to work with someone else to produce or achieve something
112. wi_____nd pressure *v.* to resist the effect or impact of something
113. intensive agr_____re *n.* the practice or science of cultivating the land or raising stock
114. vi_____ly identical *adv.* almost completely
115. sup_____ary exam *adj.* added to complete or enhance something; additional; subsidiary; complementary
116. dom_____te the plant *v.* to take control of animals or plants to provide food, power, or company
117. sq_____e a confession *v.* to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness
118. embody ent_____hip *n.* the process or skill of starting and running a business, particularly a new and innovative one
119. el_____fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

ANSWERS: 109. flexible, 110. indicate, 111. collaborate, 112. withstand, 113. agriculture, 114. virtually, 115. supplementary, 116. domesticate, 117. squeeze, 118. entrepreneurship, 119. electrify

120. de___e a word *v.* to state or explain precisely the nature, scope, or meaning of something
121. tr___e digits *adj.* consisting of three items or people; three times as great or many
122. es_____te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
123. z__e defense *n.* a specific area, region, or section that is marked off or defined in some way
124. a brushwood fe__e *n.* a structure, usually made of wood or metal, that encloses an area, typically for protection or to keep animals or people in or out; a dealer in stolen property
125. equ_____nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
126. co_____ze planets *v.* to establish a colony in or on a specific place; to settle or occupy in large numbers
127. tr_____rm an education system *v.* to change in outward structure or looks;
128. mass of hu_____ty *n.* all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.
129. er__e trust *v.* to gradually wear away or break down (rock, soil, or other material) through the action of wind, water, or other natural agents; to gradually weaken or undermine (something) over time
130. major pa_____gm shift *n.* a standard or typical example of something; a pattern or model

ANSWERS: 120. define, 121. triple, 122. estimate, 123. zone, 124. fence, 125. equivalent, 126. colonize, 127. transform, 128. humanity, 129. erode, 130. paradigm

131. in a co_____ed relationship *adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something
132. as_____ng prime minister *adj.* desiring or striving for recognition or advancement; wanting to be successful in life
133. co_____d and control *n.* authority, control, or mastery over something, often referring to military or leadership contexts; a directive, order, or instruction; expertise or confidence in a specific area; (verb) to give an authoritative order or instruction, or to be in charge or control of something
134. o_t for a traditional wedding *v.* to make a choice from a range of possibilities
135. up_____am direction *adj.* in the direction against a stream's current; (adverb) toward the source or beginning of a stream, river, or process
136. pro_____us weather *adj.* successful financially or materially; bringing success or good fortune
137. de_____on of ozone *n.* the reduction of something, especially a natural resource, to a critically low level
138. exit from a l__p *n.* a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
139. de_____nd street *n.* a street or path that has no exit or outlet; a situation or circumstance that has no remaining options or potential for progress or success

ANSWERS: 131. committed, 132. aspiring, 133. command, 134. opt, 135. upstream, 136. prosperous, 137. depletion, 138. loop, 139. dead-end

140. yield cu__e *n.* a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
141. good gov_____ce *n.* the act or process of governing or managing a political, social, or economic entity; the systems or principles that guide such processes
142. sus_____le alternative fuel *adj.* able to continue or be continued for a long time
143. c__t a charming eye *v.* to cause light or shadow to appear on a surface; to assign or choose someone such as an actor or representative, especially by selection process
144. lar_____le agriculture *adj.* involving many people or things and involving a lot of change or activity
145. acc_____ion of an object *n.* a rate of increase in velocity; the rate of change of velocity with respect to time
146. ill_____te a key point *v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
147. start a new th___d *n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching

ANSWERS: 140. curve, 141. governance, 142. sustainable, 143. cast, 144. large-scale, 145. acceleration, 146. illustrate, 147. thread

148. ba_____ck statement *v.* to retrace one's steps; to return along a path that one has already traveled, often to correct a mistake or find lost items
149. pr_____e changes *v.* to make a proposal, declare a plan for something
150. ar____c ice *adj.* of or relating to the region around the North Pole or the Arctic Ocean; very cold
151. ab_____n the practice *v.* to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity
152. ab____t departure *adj.* sudden and unexpected
153. ni_____en absorption *n.* a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins
154. p_m volume fraction *n.* an abbreviation for "parts per million," used to express the concentration of a substance in a solution or mixture
155. mo____g experience *adj.* causing strong emotions or feelings, especially sadness or sympathy
156. military st_____gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
157. ack_____ge his help *v.* to accept or admit the existence, reality, or truth of something; to accept that someone or something has a particular authority or quality; to express obligation, thanks, or gratitude for someone's help, commitment, etc.;

ANSWERS: 148. backtrack, 149. propose, 150. arctic, 151. abandon, 152. abrupt, 153. nitrogen, 154. ppm, 155. moving, 156. strategy, 157. acknowledge

158. nu____ce call *n.* something or someone that causes annoyance, inconvenience, or discomfort; an unpleasant or irritating thing or person
159. information ba____r *n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
160. st____ze prices *v.* to become or cause to become steady or unlikely to give way
161. fiscal st____ty pact *n.* the quality or attribute of being firm and steadfast
162. an____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
163. a cr____ng-keeper *n.* the act of going from one side to the other; a place where roads, railway tracks, or rivers intersect
164. an op____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
165. sq____e a lemon *v.* to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness
166. re____nt population *adj.* able to withstand or recover quickly from difficult conditions
167. have as____ng eyes *adj.* desiring or striving for recognition or advancement; wanting to be successful in life

ANSWERS: 158. nuisance, 159. barrier, 160. stabilize, 161. stability, 162. analyze, 163. crossing, 164. opportune, 165. squeeze, 166. resilient, 167. aspiring

168. DNA im____t
v. to make a mark or impression on a surface; to leave a lasting impression or influence on someone or something; (noun) a mark or impression made by pressing or stamping something onto a surface; a distinctive feature or characteristic that is left by something or someone
169. ex____ng news
adj. causing a lot of interest or excitement
170. private eq____y firm
n. the value of the shares issued by a company
171. an un____r match
adj. poorly stated or described and therefore not easy to understand; not easy to perceive
172. acc____te a chemical reaction
v. to make something faster or earlier; to cause to develop or progress more quickly
173. ext____ary ability
adj. exceptional, unexpected, very unusual; surpassing the ordinary or usual
174. small in____nts
n. a regular increase in the amount of something, such as money; a process of becoming larger, longer, or more important
175. un____al life
adj. existing or affecting everywhere or everyone
176. way to mi____ze conflict
v. to make something, especially something bad, small or less serious
177. burning of fo____l fuels
n. any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

ANSWERS: 168. imprint, 169. exciting, 170. equity, 171. unclear, 172. accelerate, 173. extraordinary, 174. increment, 175. universal, 176. minimize, 177. fossil

178. flexible mi____t	<i>n.</i> the established set of attitudes or fixed ideas held by someone
179. two-ph__e structure	<i>n.</i> any stage in a series of events, change, or development
180. lost civ____ion	<i>n.</i> a complex and highly organized society that has developed over time and has a dominant culture, including features such as language, religion, government, technology, and social customs
181. in a ge___e voice	<i>adj.</i> having or showing a kindly or tender nature; soft and mild
182. h__t a job	<i>v.</i> to go after and try to catch wild animals to kill them for food, sport, or profit
183. we____d conservation	<i>adj.</i> land that is saturated with water, either permanently or seasonally, such as swamps, marshes, and bogs
184. se____te video into chapter	<i>v.</i> to force, take, or pull apart; mark as different
185. bi____s energy	<i>n.</i> the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms
186. enter on the last ph__e	<i>n.</i> any stage in a series of events, change, or development
187. pr____s improvement	<i>n.</i> a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 178. mindset, 179. phase, 180. civilization, 181. gentle, 182. hunt, 183. wetland, 184. separate, 185. biomass, 186. phase, 187. process

188. positive feedback l__p *n.* a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
189. ec_____cs professor *n.* the branch of social science that deals with the production, consumption, and transfer of goods and services
190. ind_____al alcohol *adj.* of or relating to or resulting from industry
191. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
192. a g__r change lever *n.* a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose
193. official sta_____cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
194. cast a tra_____ion spell *n.* a complete change in form, nature, or appearance of someone or something
195. neg_____on process *n.* the process of discussing and reaching an agreement with others
196. a dependent va_____le *adj.* likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed

ANSWERS: 188. loop, 189. economics, 190. industrial, 191. process, 192. gear, 193. statistics, 194. transformation, 195. negotiation, 196. variable

197. er__e coast *v.* to gradually wear away or break down (rock, soil, or other material) through the action of wind, water, or other natural agents; to gradually weaken or undermine (something) over time
198. co_____ze for cultivation *v.* to establish a colony in or on a specific place; to settle or occupy in large numbers
199. pr__y server *n.* a person or entity that is authorized to act on behalf of another person or entity
200. eliminate red_____cy *n.* the state of being unnecessary, especially through being able to be replaced by something else
201. se_____er ten percent of the annual carbon emissions *v.* to take temporary possession of someone's property until a debt is paid.
202. cap_____ty assessment *n.* the ability, skill, or competence to do something; the potential or aptitude for a particular task or function
203. an una_____le accident *adj.* impossible to avoid or evade; inevitable
204. healthcare pr__y *n.* a person or entity that is authorized to act on behalf of another person or entity
205. em_____al philosophy *adj.* based on or verifiable by observation or experience rather than theory or pure logic
206. a_m at a specific target *v.* to try or plan to get or achieve something
207. bring fo__h a beautiful vase *adv.* forward, outward, or onward in location, direction, or progress; into view or consideration; with confidence, boldness, or in the open

ANSWERS: 197. erode, 198. colonize, 199. proxy, 200. redundancy, 201. sequester, 202. capability, 203. unavoidable, 204. proxy, 205. empirical, 206. aim, 207. forth

208. bio_____ity conservation *n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment
209. mentally cha_____ng *adj.* difficult, demanding, or requiring a high degree of skill or effort; presenting a difficult problem or obstacle
210. ack_____ge the deed *v.* to accept or admit the existence, reality, or truth of something; to accept that someone or something has a particular authority or quality; to express obligation, thanks, or gratitude for someone's help, commitment, etc.;
211. give the waiter a t_p. *n.* the top or extreme point of something slender or tapering, usually a mountain or hill; a piece of advice about something practical; a small amount of money given for services
212. to___t seat *n.* a bowl-shaped plumbing fixture with a seat for defecation and urination, or a room or building containing one or more of this fixture
213. say a gr__e *n.* a quality of being pleasing, especially in appearance or manner; a temporary exemption, especially an extended period granted as a special favor; a short prayer of thanks before a meal
214. beginning of the ind_____al revolution *adj.* of or relating to or resulting from industry
215. the em_____on of light *n.* the act of production or sending out gas, heat, light, etc.

ANSWERS: 208. biodiversity, 209. challenging, 210. acknowledge, 211. tip, 212. toilet, 213. grace, 214. industrial, 215. emission

216. 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
217. fleshly de____e *n.* a strong feeling of wanting to have or do something
218. acc____te the car *v.* to make something faster or earlier; to cause to develop or progress more quickly
219. marine bi__e *n.* a major ecological community characterized by particular plant and animal species adapted to a specific climate and geographic region, such as desert, tundra, or rainforest
220. take dis____ary measures *adj.* of or relating to the punishment of people who break the rules; of or relating to a specific field of academic study
221. call fo__h demand *adv.* forward, outward, or onward in location, direction, or progress; into view or consideration; with confidence, boldness, or in the open
222. cost ba____r *n.* a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective
223. a gr____l change *adj.* happening slowly over a long period of time or distance; not steep or abrupt
224. Oscar la____te *n.* a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work

ANSWERS: 216. organic, 217. desire, 218. accelerate, 219. biome, 220. disciplinary, 221. forth, 222. barrier, 223. gradual, 224. laureate

225. fl____le schedules *adj.* able to change or be changed to suit new conditions or situations; able to bend easily
226. industrial se____r *n.* a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
227. re____le subscriptions *adj.* capable of being renewed, extended, or replaced
228. carbon dioxide in the atm____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
229. even more unf____ely *adv.* by bad luck; unluckily
230. major paradigm sh__t *n.* a slight transition in position, direction, or trend
231. bite his tongue li____ly *adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively
232. nuclear ph____s *n.* the science of matter and energy and their interactions
233. a demonstration in lo__c *n.* a way of thinking or reasoning conducted or evaluated by strict validity principles; the study of correct reasoning or good arguments
234. fu____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 225. flexible, 226. sector, 227. renewable, 228. atmosphere, 229. unfortunately, 230. shift, 231. literally, 232. physics, 233. logic, 234. function

235. a br___h pipe *n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization
236. oz__e depletion *n.* a poisonous gas with the chemical formula O₃, which has a strong smell
237. op_____ze a process *v.* to make the best or most effective use of something
238. pre_____le pattern *adj.* capable of being known, seen or declared in advance
239. str_____ere layer *n.* the second layer of the Earth's atmosphere, extending from about 7 to 50 kilometers above the Earth's surface, containing the ozone layer
240. the cycle of po_____y *n.* the condition of being extremely poor
241. ext_____ary weather *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
242. cr___s management *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
243. mo_____n season *n.* a seasonal wind system that brings heavy rainfall to a region, typically occurring in tropical areas
244. fun_____al rights *adj.* forming an essential base or core from which everything else develops or is affected
245. ambitious ag___a *n.* a list or outline of things to be done, discussed, or considered

ANSWERS: 235. branch, 236. ozone, 237. optimize, 238. predictable, 239. stratosphere, 240. poverty, 241. extraordinary, 242. crisis, 243. monsoon, 244. fundamental, 245. agenda

246. civil war mu___t *n.* a long, smoothbore gun used in warfare from the 16th to 19th centuries, typically fired from the shoulder and loaded through the muzzle
247. bi__e conservation *n.* a major ecological community characterized by particular plant and animal species adapted to a specific climate and geographic region, such as desert, tundra, or rainforest
248. sur_____gly advanced culture *adv.* in a way that causes amazement or wonder
249. 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
250. re_____ze talent *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
251. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
252. natural var_____ty *n.* the fact or quality of something being likely to vary
253. ba_____ck on promise *v.* to retrace one's steps; to return along a path that one has already traveled, often to correct a mistake or find lost items

ANSWERS: 246. musket, 247. biome, 248. surprisingly, 249. develop, 250. recognize, 251. ecosystem, 252. variability, 253. backtrack

254. be____fy my skin *v.* to enhance the physical appearance of something by making it more attractive or aesthetically pleasing; to make something more attractive or appealing in general
255. she is a little n_t *n.* the egg of a louse (= that is a tiny insect that lives in human hair) or some other insect; a foolish person
256. ove_____ng crisis *n.* the removal of too many fish from a body of water, causing a decline in population levels and harm to the ecosystem
257. global em_____ons of greenhouse gases *n.* the act of production or sending out gas, heat, light, etc.
258. his business ent_____se *n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort
259. op_____or error *n.* a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations
260. dawn of a new e_a *n.* a period that is distinct from others, typically in history
261. the ad_____ve coloring *adj.* capable of adjusting to new situations or changing conditions
262. end of the gr__e period *n.* a quality of being pleasing, especially in appearance or manner; a temporary exemption, especially an extended period granted as a special favor; a short prayer of thanks before a meal

ANSWERS: 254. beautify, 255. nit, 256. overfishing, 257. emission, 258. enterprise, 259. operator, 260. era, 261. adaptive, 262. grace

263. ab___b energy *v.* to take in a fluid or other substance gradually
264. per_____nt data *adj.* continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time
265. emissions of gre_____se gases *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
266. exotic plants in a gre_____se *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
267. laws of ph_____s *n.* the science of matter and energy and their interactions
268. clothing r__k *n.* a framework or support structure used to hold or display objects; a set of interconnected shelves or compartments used for storage; a source of torture, distress, or mental anguish
269. sl_____ry ice *adj.* difficult to hold firmly or stand on because it is wet or smooth; not to be trusted
270. sports g__r *n.* a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose
271. address ins_____nal constraints *adj.* of, in, or relating to a large important organization, such as a university or bank; organized as or forming part of the standard systems, practices, etc.

ANSWERS: 263. absorb, 264. persistent, 265. greenhouse, 266. greenhouse, 267. physics, 268. rack, 269. slippery, 270. gear, 271. institutional

272. cannot com_____se anymore *v.* to settle a problem or disagreement by mutual concession
273. his social st_____ng *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
274. extreme tem_____res *n.* the degree of hotness or coldness of a thing or place
275. de_____e in quality *v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept
276. qu_____le the amount *v.* to consist of four items or people; to become four times as great or many
277. open to int_____ion *n.* an explanation or opinion of something, especially that is not immediately obvious
278. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
279. fre_____er area *adj.* living in, found in, or connecting with water that does not contain salt
280. service f_e *n.* a sum of money charged for a particular service
281. directly int_____ect with those systems *v.* to connect similar things
282. an irr_____ble change *adj.* impossible to change or return to a previous condition
283. silver ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element
284. the t_p of a paintbrush *n.* the top or extreme point of something slender or tapering, usually a mountain or hill; a piece of advice about something practical; a small amount of money given for services

ANSWERS: 272. compromise, 273. standing, 274. temperature, 275. decline, 276. quadruple, 277. interpretation, 278. temperature, 279. freshwater, 280. fee, 281. interconnect, 282. irreversible, 283. oxide, 284. tip

285. de_____nd situation *n.* a street or path that has no exit or outlet; a situation or circumstance that has no remaining options or potential for progress or success
286. plastics f__m material *n.* a mass of small air bubbles formed on the surface of a liquid; a substance that forms a lather when mixed with water
287. tre_____us popularity *adj.* very great in degree or extent or amount or impact; extremely good
288. ab___t without leave *adj.* not present in a particular place at a particular time
289. su_____ze the project *v.* to pay part of the cost of something to support an organization, activity, etc. financially
290. sim_____sly affected *adv.* at the same time
291. a hu___e cottage *adj.* having or showing a modest or low estimate of one's quality or importance
292. wind er_____n *n.* the wearing away of rock, soil, or land by natural processes such as wind or water
293. del_____us actions *adj.* causing harm, damage, or injury; having a detrimental or destructive effect
294. tr_____r a biochemical response *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
295. organic mu__h *n.* a protective covering, often made of organic materials such as wood chips, straw, or leaves, applied to the soil around plants to suppress weed growth, retain moisture, and provide insulation

ANSWERS: 285. dead-end, 286. foam, 287. tremendous, 288. absent, 289. subsidize, 290. simultaneously, 291. humble, 292. erosion, 293. deleterious, 294. trigger, 295. mulch

296. swim up_____am *adj.* in the direction against a stream's current; (adverb) toward the source or beginning of a stream, river, or process
297. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
298. o_t out of society *v.* to make a choice from a range of possibilities
299. app_____ng retirement *adj.* drawing nearer in time or space; coming close to someone or something
300. half qu_____ty *n.* the amount or number of something; magnitude
301. climate var_____ty *n.* the fact or quality of something being likely to vary
302. cadmium-po_____ed area *adj.* contaminated with harmful or poisonous substances
303. the de__h of the water *n.* the distance between the top and bottom of something; between the top surface and a distance below it
304. a li___r equation *adj.* of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph
305. lar_____le project *adj.* involving many people or things and involving a lot of change or activity
306. gen_____on gap *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
307. dispel do__ts *n.* a feeling of being uncertain about something, especially about how good or accurate it is

ANSWERS: 296. upstream, 297. complexity, 298. opt, 299. approaching, 300. quantity, 301. variability, 302. polluted, 303. depth, 304. linear, 305. large-scale, 306. generation, 307. doubt

308. yellow pho_____us *n.* a chemical element with the symbol P and atomic number 15 that is a non-metallic, highly reactive, and luminescent element
309. nu_____nt medicine *n.* any substance that is essential for the maintenance and growth of living things
310. a nu_____nt for hair *n.* any substance that is essential for the maintenance and growth of living things
311. 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
312. st_____ht for two months *adj.* extending or moving in one direction without bending or curving; having no deviations
313. p__e a challenge *v.* to present a risk, problem, or other issues that must be addressed
314. op_____ze control for cooling *v.* to make the best or most effective use of something
315. residual qu_____ty *n.* the amount or number of something; magnitude
316. re____d the situation as unfortunate *v.* to think about or consider somebody or something in a specified way
317. er_____n control *n.* the wearing away of rock, soil, or land by natural processes such as wind or water
318. pro_____us nation *adj.* successful financially or materially; bringing success or good fortune

ANSWERS: 308. phosphorus, 309. nutrient, 310. nutrient, 311. degrade, 312. straight, 313. pose, 314. optimize, 315. quantity, 316. regard, 317. erosion, 318. prosperous

319. ba_____on effect *n.* a popular or fashionable trend or cause that attracts a large number of people who want to be part of it, often without considering its merits or drawbacks
320. tre_____us amount *adj.* very great in degree or extent or amount or impact; extremely good
321. co__l island *n.* a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry
322. co_____de that he is healthy *v.* to come to an end or close; to reach a judgment or opinion by reasoning
323. no_____ar equation *adj.* pertaining to a system or process that does not follow a straight or predictable path, often resulting in unexpected or unpredictable outcomes or behaviors
324. su_____ze the cost *v.* to pay part of the cost of something to support an organization, activity, etc. financially
325. ur__n planning *adj.* relating to or located in a town or city
326. des_____ze a good relationship *v.* to cause something to become less stable or secure
327. high levels of air po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
328. unf_____ely caught in a shower *adv.* by bad luck; unluckily
329. in___t in stocks *v.* to put money, effort, time, etc. into something to make a profit or achieve a result

ANSWERS: 319. bandwagon, 320. tremendous, 321. coral, 322. conclude, 323. nonlinear, 324. subsidize, 325. urban, 326. destabilize, 327. pollution, 328. unfortunately, 329. invest

330. buy lo____y *adv.* in or to a specific or limited area or region; focused or restricted to a particular locality or community
331. pre____us job *adj.* not securely held or in position; dangerously unstable or uncertain; dependent on chance or uncertain conditions
332. perfect ut____a *n.* an ideal and perfect society in which all social and political problems have been solved, and all members live in harmony and prosperity
333. private se____r *n.* a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
334. th____en national security *v.* to utter intentions of injury or punishment against someone
335. in____te both businesses *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
336. im____t a memory *v.* to make a mark or impression on a surface; to leave a lasting impression or influence on someone or something; (noun) a mark or impression made by pressing or stamping something onto a surface; a distinctive feature or characteristic that is left by something or someone
337. the bo____ry between reality and fantasy *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places

ANSWERS: 330. locally, 331. precarious, 332. utopia, 333. sector, 334. threaten, 335. integrate, 336. imprint, 337. boundary

338. easy to dom_____te *v.* to take control of animals or plants to provide food, power, or company
339. adv_____nt of knowledge *n.* the development, improvement, or progress of something
340. 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
341. st_____ng therapy *n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation
342. reduce me_____e emissions *n.* a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
343. br____h office *n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization
344. underground irr_____on system *n.* the agricultural practice of supplying land with water through pipes or channels so that crops grow well
345. pre_____us financial situation *adj.* not securely held or in position; dangerously unstable or uncertain; dependent on chance or uncertain conditions
346. ha__h climate *adj.* severe and unkind; extremely tough and unpleasant to inhabit

ANSWERS: 338. domesticate, 339. advancement, 340. diversity, 341. stimming, 342. methane, 343. branch, 344. irrigation, 345. precarious, 346. harsh

347. re_____te our conduct *v.* to control something, especially by means of rules or laws
348. ex____d agricultural output *v.* to increase or to make something greater in size, number, or importance
349. human activities int_____ect with the environment *v.* to connect similar things
350. go____n a public enterprise *v.* to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services
351. ov_____er the suspect *v.* to conquer or establish complete control over someone by using superior strength
352. pa_____er estimation *n.* a numerical or other measurable factors that characterize a system or set of data
353. wi_____nd temptation *v.* to resist the effect or impact of something
354. atmospheric me_____e *n.* a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
355. under una_____le circumstances *adj.* impossible to avoid or evade; inevitable
356. co_____e chemically with another substance *v.* to join or merge to form a single thing or group
357. officious int_____nce *n.* the act or process of getting involved in and trying to influence a specific situation; the state of being affected and influenced with

ANSWERS: 347. regulate, 348. expand, 349. interconnect, 350. govern, 351. overpower, 352. parameter, 353. withstand, 354. methane, 355. unavoidable, 356. combine, 357. interference

358. corporate gov_____ce *n.* the act or process of governing or managing a political, social, or economic entity; the systems or principles that guide such processes
359. barrier r__f *n.* a long chain or range of rocks or sand near the ocean's surface
360. hu_____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
361. san_____on standards *n.* the process of maintaining a clean and hygienic environment, particularly in public health and safety contexts; the practice of disposing of waste products in a safe and appropriate manner
362. labor pop_____on *n.* the total number of people in a country, region, or location
363. gl___y expression *adj.* characterized by a lack of light or sunshine, resulting in a dark or dim atmosphere; feeling despondent, dismal, or melancholy
364. in___t capital *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
365. we_____d ecosystem *adj.* land that is saturated with water, either permanently or seasonally, such as swamps, marshes, and bogs
366. key co_____nt *n.* one of several parts that combines with others to form something bigger
367. aci_____ion of soil *n.* the act or process of becoming acid or making something become acid

ANSWERS: 358. governance, 359. reef, 360. humming, 361. sanitation, 362. population, 363. gloomy, 364. invest, 365. wetland, 366. component, 367. acidification

368. hulking di_____ur *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
369. heavy ra_____ll *n.* the amount of rain that falls in a specific location at a particular moment
370. a ut____a for an engineer *n.* an ideal and perfect society in which all social and political problems have been solved, and all members live in harmony and prosperity
371. th____d a catheter *n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching
372. tra_____ss against the rules *v.* to break the law or moral code; to go beyond or exceed the limits or boundaries of something
373. cat_____hic climate change *adj.* extremely harmful; causing physical or financial destruction
374. a pilot sc____e *n.* an organized and often large-scale plan or arrangement for doing something
375. the tra_____ion of a tadpole into a frog *n.* a complete change in form, nature, or appearance of someone or something

ANSWERS: 368. dinosaur, 369. rainfall, 370. utopia, 371. thread, 372. transgress, 373. catastrophic, 374. scheme, 375. transformation

376. in_____te an error *v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
377. el_____fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
378. na_____ly regenerated forest *adv.* as might be expected; by natural manners
379. qu_____fy the results *v.* to express or measure something in numerical terms
380. ill_____te a story *v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
381. connecting the d_ts *n.* a very small circular mark, especially one that is printed
382. gl___y mood *adj.* characterized by a lack of light or sunshine, resulting in a dark or dim atmosphere; feeling despondent, dismal, or melancholy
383. the yi__d on the bond *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
384. cultural pa_____gm *n.* a standard or typical example of something; a pattern or model
385. hu___e opinion *adj.* having or showing a modest or low estimate of one's quality or importance

ANSWERS: 376. indicate, 377. electrify, 378. naturally, 379. quantify, 380. illustrate, 381. dot, 382. gloomy, 383. yield, 384. paradigm, 385. humble

386. se_____er myself from the world *v.* to take temporary possession of someone's property until a debt is paid.
387. secular dr__a *n.* a play in a theatre, television, or radio, or performance on a stage
388. ro_____y explain my idea *adv.* approximately but not precisely; with a violent manner
389. stylistically inn_____ve works *adj.* introducing or using new methods, ideas, etc.
390. ec_____y of scale *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
391. sup_____ary income *adj.* added to complete or enhance something; additional; subsidiary; complementary
392. app_____ng deadline *adj.* drawing nearer in time or space; coming close to someone or something
393. fl__d advisory *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
394. the int_____ion of history *n.* an explanation or opinion of something, especially that is not immediately obvious
395. a convivial atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

ANSWERS: 386. sequester, 387. drama, 388. roughly, 389. innovative, 390. economy, 391. supplementary, 392. approaching, 393. flood, 394. interpretation, 395. atmosphere

396. take several inputs sim_____sly *adv.* at the same time
397. eq___y capital market *n.* the value of the shares issued by a company
398. ta___f war *n.* a tax imposed by a government on imported or exported goods
399. su___r dioxide *n.* (also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications
400. ap_____d research *adj.* of or relating to a subject of study, especially a science, that is used in a practical way
401. rem_____le achievement *adj.* worthy of attention because unusual or special
402. the e_a of the Renaissance *n.* a period that is distinct from others, typically in history
403. s__k a buzzer-beater *v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
404. no do__t about the news *n.* a feeling of being uncertain about something, especially about how good or accurate it is
405. po_____y alleviation *n.* the condition of being extremely poor
406. del_____us impact *adj.* causing harm, damage, or injury; having a detrimental or destructive effect

ANSWERS: 396. simultaneously, 397. equity, 398. tariff, 399. sulfur, 400. applied, 401. remarkable, 402. era, 403. sink, 404. doubt, 405. poverty, 406. deleterious

407. economic d__m *n.* death, destruction, or some other terrible situation that cannot be avoided
408. use of inn_____ve technology *adj.* introducing or using new methods, ideas, etc.
409. h__d ornament *n.* a covering for the head and neck, especially one attached to a garment
410. lucrative si_____ne *n.* a secondary or less significant job, interest, or activity; a line on the side of a sports field that players must stay behind; (verb) to remove someone from their position or role, often temporarily or as a result of a setback or failure
411. better fuel eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
412. ov_____er the opponent *v.* to conquer or establish complete control over someone by using superior strength
413. dep_____ce on technology *n.* the state or condition of relying or depending on someone or something else; a relationship in which one person or thing is influenced, controlled, or supported by another
414. st_____d service *n.* a person responsible for the management and care of another's property or for the supervision of the domestic staff of a large household or organization; a person in charge of arranging for the supply of food to a college, club, etc.

ANSWERS: 407. doom, 408. innovative, 409. hood, 410. sideline, 411. efficiency, 412. overpower, 413. dependence, 414. steward

415. geographical bo_____ry *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
416. do_____te over the weak *v.* to have or control a lot of power and influence over somebody or something
417. ma_____e amounts *adj.* enormous amount; very heavy and solid
418. an_____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
419. beginning of the industrial rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
420. a unit of acc_____ion *n.* a rate of increase in velocity; the rate of change of velocity with respect to time
421. ent_____hip culture *n.* the process or skill of starting and running a business, particularly a new and innovative one
422. 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
423. b__g a phone down *v.* to hit or cause to hit something in a way that makes a loud noise
424. su_____ly attacked by an enemy *adv.* quickly and unexpectedly
425. qu_____le the price of gold *v.* to consist of four items or people; to become four times as great or many
426. manually op_____e a machine *v.* to work in a particular way; to supervise something
427. the Pal_____ic era *adj.* of or relating to the second period of the Stone Age, which represents almost the entire period of prehistoric human technology

ANSWERS: 415. boundary, 416. dominate, 417. massive, 418. analyze, 419. revolution, 420. acceleration, 421. entrepreneurship, 422. carbon, 423. bang, 424. suddenly, 425. quadruple, 426. operate, 427. paleolithic

428. poet la____te *n.* a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work
429. de___e my position *v.* to state or explain precisely the nature, scope, or meaning of something
430. pr____t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
431. strong and co_____ed sales staff *adj.* willing to put in a lot of effort, time, and energy into something; firmly believing in something
432. the ec_____y of the island *n.* the study of the relationships between living organisms, including humans, and their physical environment
433. pr__e to diarrhea *adj.* inclined or likely to do something or to show a particular characteristic, especially something bad; lying face downward
434. poetic me__r *n.* a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse
435. cutting-edge inn_____on *n.* the creation of a new device or process resulting from study and experimentation

ANSWERS: 428. laureate, 429. define, 430. predict, 431. committed, 432. ecology, 433. prone, 434. meter, 435. innovation

436. harsh rea_____on *n.* the act or process of understanding or becoming aware of something; the act of achieving or completing something that was planned or desired; the act of making something real or tangible
437. accident-pr___e *adj.* inclined or likely to do something or to show a particular characteristic, especially something bad; lying face downward
438. wi_____s of the car accident *n.* a person who sees something happen, especially a crime or an accident
439. sta_____cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
440. h__t after knowledge *v.* to go after and try to catch wild animals to kill them for food, sport, or profit
441. terrestrial bi_____re *n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms
442. 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
443. f_e calculation *n.* a sum of money charged for a particular service
444. id_____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
445. loss of bio_____ity *n.* the number and variety of plants and animals that exist in a particular area or the world and make a balanced environment

ANSWERS: 436. realization, 437. prone, 438. witness, 439. statistics, 440. hunt, 441. biosphere, 442. drought, 443. fee, 444. identify, 445. biodiversity

446. s__k a lot of capital *v.* to submerge or go down below the surface of a liquid or substance; to decline or deteriorate; to cause something to go down into a liquid substance or sink into something else
447. des_____ze the market *v.* to cause something to become less stable or secure
448. no___n of success *n.* a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts
449. a su_____ne volcano *n.* a type of underwater vehicle or vessel that can operate beneath the surface of the water; (adjective) beneath the surface of the sea
450. the f__m on a beer *n.* a mass of small air bubbles formed on the surface of a liquid; a substance that forms a lather when mixed with water
451. speak in an ab___t manner *adj.* sudden and unexpected
452. pho_____us element *n.* a chemical element with the symbol P and atomic number 15 that is a non-metallic, highly reactive, and luminescent element
453. ove_____ng ban *n.* the removal of too many fish from a body of water, causing a decline in population levels and harm to the ecosystem
454. a means of liv_____od *n.* a means of earning money people need to pay for food, a place to live, clothing, etc.

ANSWERS: 446. sink, 447. destabilize, 448. notion, 449. submarine, 450. foam, 451. abrupt, 452. phosphorus, 453. overfishing, 454. livelihood

455. hi_____y system *n.* a main road, especially one connecting major towns or cities
456. pop_____on change *n.* the total number of people in a country, region, or location
457. stream aci_____ion *n.* the act or process of becoming acid or making something become acid
458. st_____d duties *n.* a person responsible for the management and care of another's property or for the supervision of the domestic staff of a large household or organization; a person in charge of arranging for the supply of food to a college, club, etc.
459. the mean annual ra_____ll *n.* the amount of rain that falls in a specific location at a particular moment
460. de__h camera *n.* the distance between the top and bottom of something; between the top surface and a distance below it
461. unpre_____ted boom *adj.* never having been seen, done, or known before
462. ab___b a shock *v.* to take in a fluid or other substance gradually
463. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
464. par_____ip across the Atlantic *n.* the state of a cooperative relationship between people or groups, especially in business
465. ta___f policy *n.* a tax imposed by a government on imported or exported goods

ANSWERS: 455. highway, 456. population, 457. acidification, 458. steward, 459. rainfall, 460. depth, 461. unprecedented, 462. absorb, 463. adapt, 464. partnership, 465. tariff

466. in no un_____r terms *adj.* poorly stated or described and therefore not easy to understand; not easy to perceive
467. pa_____er tuning *n.* a numerical or other measurable factors that characterize a system or set of data
468. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
469. an interstate hi_____y *n.* a main road, especially one connecting major towns or cities
470. ge___e downward slope *adj.* having or showing a kindly or tender nature; soft and mild
471. am__e opportunities *adj.* enough or more than enough; having plenty of something
472. in a pre_____le manner *adj.* capable of being known, seen or declared in advance
473. ab_____n a friend *v.* to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity
474. ju__y behavior *adj.* nervous, jittery, or prone to sudden movements or reactions; characterized by irregular or uneven movement or motion
475. mo_____n current *n.* a seasonal wind system that brings heavy rainfall to a region, typically occurring in tropical areas
476. atmospheric oz__e *n.* a poisonous gas with the chemical formula O₃, which has a strong smell
477. mo_____us decision *adj.* of great significance, importance, or consequence; having a profound or lasting effect or impact

ANSWERS: 466. unclear, 467. parameter, 468. environment, 469. highway, 470. gentle, 471. ample, 472. predictable, 473. abandon, 474. jumpy, 475. monsoon, 476. ozone, 477. momentous

478. rea_____on of a concept *n.* the act or process of understanding or becoming aware of something; the act of achieving or completing something that was planned or desired; the act of making something real or tangible
479. spice r__k *n.* a framework or support structure used to hold or display objects; a set of interconnected shelves or compartments used for storage; a source of torture, distress, or mental anguish
480. deg_____on by heat *n.* the condition or process of changing to a lower state, or a less respected state
481. financial dep_____ce *n.* the state or condition of relying or depending on someone or something else; a relationship in which one person or thing is influenced, controlled, or supported by another
482. d_t blot method *n.* a very small circular mark, especially one that is printed
483. spare co_____nts for cars *n.* one of several parts that combines with others to form something bigger
484. pr_____e the amendment *v.* to make a proposal, declare a plan for something
485. avoid irr_____ble damage *adj.* impossible to change or return to a previous condition
486. local ge_____y *n.* a science that deals with the history of the earth as recorded in rocks
487. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 478. realization, 479. rack, 480. degradation, 481. dependence, 482. dot, 483. component, 484. propose, 485. irreversible, 486. geology, 487. environment

488. in a di____m *n.* a simplified illustration of the appearance, structure, or workings of something
489. co____e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
490. ex____ng football player *adj.* causing a lot of interest or excitement
491. se____te cream from milk *v.* to force, take, or pull apart; mark as different
492. draw out a sc____e *n.* an organized and often large-scale plan or arrangement for doing something
493. commercial fi____y *n.* an area of water where fish are caught in large quantities for living; a business or practice of catching and selling fish
494. 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
495. a silk h__d *n.* a covering for the head and neck, especially one attached to a garment
496. re____d him as an enemy *v.* to think about or consider somebody or something in a specified way
497. fe__e post *n.* a structure, usually made of wood or metal, that encloses an area, typically for protection or to keep animals or people in or out; a dealer in stolen property
498. a bu____r between the quarreling parents *n.* a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage

ANSWERS: 488. diagram, 489. consume, 490. exciting, 491. separate, 492. scheme, 493. fishery, 494. degrade, 495. hood, 496. regard, 497. fence, 498. buffer

499. red_____cy payment *n.* the state of being unnecessary, especially through being able to be replaced by something else
500. the gen_____on of electricity *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
501. fre_____er aquatic bird *adj.* living in, found in, or connecting with water that does not contain salt
502. per_____nt cough *adj.* continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time
503. heavy ni_____en *n.* a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins
504. ur__n property owners *adj.* relating to or located in a town or city
505. corn yi__d *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
506. mo_____us achievement *adj.* of great significance, importance, or consequence; having a profound or lasting effect or impact
507. bureau of ge_____y *n.* a science that deals with the history of the earth as recorded in rocks
508. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 499. redundancy, 500. generation, 501. freshwater, 502. persistent, 503. nitrogen, 504. urban, 505. yield, 506. momentous, 507. geology, 508. planet

509. re___e a request *v.* to show that one is not willing to do or accept something
510. ap_____d physics *adj.* of or relating to a subject of study, especially a science, that is used in a practical way
511. the rem_____le breadth of knowledge *adj.* worthy of attention because unusual or special
512. welfare ec_____cs *n.* the branch of social science that deals with the production, consumption, and transfer of goods and services
513. brink of ext_____on *n.* the complete disappearance of a species from the earth
514. liv_____od assistance *n.* a means of earning money people need to pay for food, a place to live, clothing, etc.
515. 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
516. ac_____e success *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
517. technological cap_____ty *n.* the ability, skill, or competence to do something; the potential or aptitude for a particular task or function
518. an of_____re oil field *adj.* situated at or happening in the sea, not far from the shore or land; (of winds) coming from the land

ANSWERS: 509. refuse, 510. applied, 511. remarkable, 512. economics, 513. extinction, 514. livelihood, 515. diversity, 516. achieve, 517. capability, 518. offshore

519. n__b with cold *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
520. foreign po___y *n.* a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective
521. equ_____nt amounts *n.* having the same value, quality, meaning, purpose, etc.
522. a gr_____l process *adj.* happening slowly over a long period of time or distance; not steep or abrupt
523. steady in_____ntal growth *n.* a regular increase in the amount of something, such as money; a process of becoming larger, longer, or more important
524. de_____on of bodily fluids *n.* the reduction of something, especially a natural resource, to a critically low level
525. a vul_____le bridge *adj.* capable of being hurt or influenced physically or mentally
526. de_____e a job offer *v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept
527. es_____te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
528. no_____ar system *adj.* pertaining to a system or process that does not follow a straight or predictable path, often resulting in unexpected or unpredictable outcomes or behaviors

ANSWERS: 519. numb, 520. policy, 521. equivalent, 522. gradual, 523. increment, 524. depletion, 525. vulnerable, 526. decline, 527. estimate, 528. nonlinear

529. improve sta_____er relations *n.* a person or group that has an interest or concern in something, especially a business
530. po_____e the air *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
531. un_____ne a good relationship *v.* to make someone or something less powerful, less effective, weaker gradually; to make someone's fame, confidence, or authority less effective or weaker gradually
532. tu_____nt waves *adj.* marked by a lot of sudden changes, confusion, or uncertainty; characterized by intense activity or agitation
533. st_____ng water *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
534. be_____fy a room *v.* to enhance the physical appearance of something by making it more attractive or aesthetically pleasing; to make something more attractive or appealing in general
535. co__l ornament *n.* a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry
536. live in deg_____on *n.* the condition or process of changing to a lower state, or a less respected state
537. th_____en a healthy relationship *v.* to utter intentions of injury or punishment against someone

ANSWERS: 529. stakeholder, 530. pollute, 531. undermine, 532. turbulent, 533. standing, 534. beautify, 535. coral, 536. degradation, 537. threaten

538. a material wi_____s *n.* a person who sees something happen, especially a crime or an accident
539. n_t in the dog's fur *n.* the egg of a louse (= that is a tiny insect that lives in human hair) or some other insect; a foolish person
540. fire st__k *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
541. community co_____s *n.* the House of Commons, which is one of the two houses of Parliament; a piece of land or an area set aside for public use, often used for recreation or grazing livestock; a shared or public resource
542. environmental po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
543. po_____e the thread *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
544. a fl__d of questions *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
545. w__n a reckless driver *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
546. establish a par_____ip *n.* the state of a cooperative relationship between people or groups, especially in business

ANSWERS: 538. witness, 539. nit, 540. stick, 541. commons, 542. pollution, 543. pollute, 544. flood, 545. warn, 546. partnership

547. si____ne reporter *n.* a secondary or less significant job, interest, or activity; a line on the side of a sports field that players must stay behind; (verb) to remove someone from their position or role, often temporarily or as a result of a setback or failure
548. 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
549. do____te possession *v.* to have or control a lot of power and influence over somebody or something
550. ex____d the speed limit *v.* to surpass or go beyond a limit, expectation, or requirement; to be better or greater than anticipated or desired
551. fuel bi____s *n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms
552. science of ec____y *n.* the study of the relationships between living organisms, including humans, and their physical environment
553. 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
554. time z__e *n.* a specific area, region, or section that is marked off or defined in some way
555. change the ec____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment

ANSWERS: 547. sideline, 548. organic, 549. dominate, 550. exceed, 551. biomass, 552. ecology, 553. threshold, 554. zone, 555. ecosystem

556. deeply p__w the soil *n.* a farming implement used for breaking up and turning over the soil, especially before planting; (verb) to turn over and break up the soil in preparation for planting crops
557. inn_____on leader *n.* the creation of a new device or process resulting from study and experimentation
558. the wel_____ng of a nation *n.* the state of being happy and healthy and prosperous
559. principles of un_____al design *adj.* existing or affecting everywhere or everyone
560. a sense of wel_____ng *n.* the state of being happy and healthy and prosperous
561. a va_____le species *adj.* likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed
562. tr_____rm heat into power *v.* to change in outward structure or looks;
563. toxic ch_____als *adj.* relating to or connected with chemistry;
564. co_____d a battery *n.* authority, control, or mastery over something, often referring to military or leadership contexts; a directive, order, or instruction; expertise or confidence in a specific area; (verb) to give an authoritative order or instruction, or to be in charge or control of something
565. st_____ze blood sugar levels *v.* to become or cause to become steady or unlikely to give way

ANSWERS: 556. plow, 557. innovation, 558. well-being, 559. universal, 560. well-being, 561. variable, 562. transform, 563. chemical, 564. command, 565. stabilize

566. a fo___l leaf *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
567. re_____te blood sugar levels *v.* to control something, especially by means of rules or laws
568. a n__b mind *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
569. the mi_____t in an education system *n.* the established set of attitudes or fixed ideas held by someone
570. civ_____ion decline *n.* a complex and highly organized society that has developed over time and has a dominant culture, including features such as language, religion, government, technology, and social customs
571. op_____e 24 hours a day *v.* to work in a particular way; to supervise something
572. autistic st_____ng *n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation
573. ad__t as needed *v.* to make fit for or change to suit a new purpose or environment
574. 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

ANSWERS: 566. fossil, 567. regulate, 568. numb, 569. mindset, 570. civilization, 571. operate, 572. stimming, 573. adapt, 574. develop

575. undertake an ent_____se *n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort
576. b__g his fist on a desk *v.* to hit or cause to hit something in a way that makes a loud noise
577. int_____nce wave *n.* the act or process of getting involved in and trying to influence a specific situation; the state of being affected and influenced with
578. di_____ur fossil *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
579. tra_____ss boundaries *v.* to break the law or moral code; to go beyond or exceed the limits or boundaries of something
580. dis_____ary action *adj.* of or relating to the punishment of people who break the rules; of or relating to a specific field of academic study
581. ac_____e milestones *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
582. ca_____n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
583. upcoming crime dr__a *n.* a play in a theatre, television, or radio, or performance on a stage

ANSWERS: 575. enterprise, 576. bang, 577. interference, 578. dinosaur, 579. transgress, 580. disciplinary, 581. achieve, 582. carbon, 583. drama

584. vague no___n *n.* a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts
585. ad____ve technology *adj.* capable of adjusting to new situations or changing conditions
586. common in_____on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
587. col_____te with the police *v.* to work with someone else to produce or achieve something
588. a hard and re_____nt steel *adj.* able to withstand or recover quickly from difficult conditions
589. a dr_____ic rescue at sea *adj.* very sudden, very excellent, or full of action and excitement
590. de_____st a mountain *v.* to clear an area of forest or trees
591. organic agr_____re *n.* the practice or science of cultivating the land or raising stock
592. p_m level *n.* an abbreviation for "parts per million," used to express the concentration of a substance in a solution or mixture
593. a political rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
594. p__e a significant threat to my company *v.* to present a risk, problem, or other issues that must be addressed
595. number of mi_____ty students *n.* the smaller part of a group, especially a number or part representing less than half of the whole; a period before adult legal age

ANSWERS: 584. notion, 585. adaptive, 586. invention, 587. collaborate, 588. resilient, 589. dramatic, 590. deforest, 591. agriculture, 592. ppm, 593. revolution, 594. pose, 595. minority

596. po____ed air	<i>adj.</i> contaminated with harmful or poisonous substances
597. ex____d a lineup	<i>v.</i> to increase or to make something greater in size, number, or importance
598. ec____y class	<i>n.</i> the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
599. ma____e stars	<i>adj.</i> enormous amount; very heavy and solid
600. antique mu____t	<i>n.</i> a long, smoothbore gun used in warfare from the 16th to 19th centuries, typically fired from the shoulder and loaded through the muzzle
601. ext____on prevention	<i>n.</i> the complete disappearance of a species from the earth
602. artificial bi____re	<i>n.</i> the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms
603. st____ty pact	<i>n.</i> the quality or attribute of being firm and steadfast
604. dr____t conditions	<i>n.</i> 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
605. exercise re____e	<i>n.</i> the organization, a system, or method that is the governing authority of a political unit

ANSWERS: 596. polluted, 597. expand, 598. economy, 599. massive, 600. musket, 601. extinction, 602. biosphere, 603. stability, 604. drought, 605. regime

606. traffic nu____ce *n.* something or someone that causes annoyance, inconvenience, or discomfort; an unpleasant or irritating thing or person
607. death from sh__k *n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
608. a cold cl____e *n.* the weather in a particular location averaged over some long period
609. pr____t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
610. tu_____nt age *adj.* marked by a lot of sudden changes, confusion, or uncertainty; characterized by intense activity or agitation
611. neg_____on skills *n.* the process of discussing and reaching an agreement with others
612. vi_____ly all countries *adv.* almost completely
613. vul_____le parts of the body *adj.* capable of being hurt or influenced physically or mentally
614. ag___a setting *n.* a list or outline of things to be done, discussed, or considered

ANSWERS: 606. nuisance, 607. shock, 608. climate, 609. predict, 610. turbulent, 611. negotiation, 612. virtually, 613. vulnerable, 614. agenda

Session 3: Fill in the Blanks

1. The blood's red coloring comes from iron _____.
n. a chemical compound that contains at least one oxygen atom and one other element

2. He never _____ his fault.
v. to accept or admit the existence, reality, or truth of something; to accept that someone or something has a particular authority or quality; to express obligation, thanks, or gratitude for someone's help, commitment, etc.;

3. They donated large sums of money for the development of _____.
n. all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.

4. Necessity is the mother of _____.
n. the creation of a new device or process resulting from study and experimentation; the act of inventing

5. Despite the setbacks, he remained _____ in his pursuit of his dreams.
adj. continuing firmly or obstinately in the course of action despite difficulty or opposition; lasting or enduring without fading or being lost over time

6. _____ is the foundation of our economy.
n. the practice or science of cultivating the land or raising stock

7. Many studies have investigated the relationship between _____ and academic achievement.
n. the condition of being extremely poor

ANSWERS: 1. oxide, 2. acknowledged, 3. humanity, 4. invention, 5. persistent, 6. Agriculture, 7. poverty

8. I will introduce some _____ on learning English in this class.
- n.* the top or extreme point of something slender or tapering, usually a mountain or hill; a piece of advice about something practical; a small amount of money given for services
9. The pond's _____ was around five feet.
- n.* the distance between the top and bottom of something; between the top surface and a distance below it
10. His career was at a _____ with no opportunities for growth.
- n.* a street or path that has no exit or outlet; a situation or circumstance that has no remaining options or potential for progress or success
11. She agreed to _____ with him in creating new artwork.
- v.* to work with someone else to produce or achieve something
12. He pulled his waterproof _____ up to protect himself from the rain.
- n.* a covering for the head and neck, especially one attached to a garment
13. 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
14. He narrated the _____ story of his adventure.
- adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
15. We need to _____ and figure out where we went wrong in our calculations.
- v.* to retrace one's steps; to return along a path that one has already traveled, often to correct a mistake or find lost items

ANSWERS: 8. tips, 9. depth, 10. dead-end, 11. collaborate, 12. hood, 13. crisis, 14. extraordinary, 15. backtrack

16. The old oak tree stood with _____ and majesty in the park's center.
- n.* a quality of being pleasing, especially in appearance or manner; a temporary exemption, especially an extended period granted as a special favor; a short prayer of thanks before a meal
17. Understanding unitary _____ of a normal matrix require considerable mathematical sophistication.
- n.* a complete change in form, nature, or appearance of someone or something
18. The product developed through years of research continues to _____ the market.
- v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
19. The _____ of the country is struggling due to the recent political instability.
- n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
20. The city plans to _____ the park with new flowers and trees.
- v.* to enhance the physical appearance of something by making it more attractive or aesthetically pleasing; to make something more attractive or appealing in general
21. The company's financial records _____ how successful it has been.
- v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
22. Mercury is the closest _____ to the sun.
- n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 16. grace, 17. transformations, 18. electrify, 19. economy, 20. beautify, 21. illustrate, 22. planet

23. Ocean _____ leads to a decrease in tiny sea snails.

n. the act or process of becoming acid or making something become acid

24. The river was _____ with chemicals, causing harm to the wildlife.

adj. contaminated with harmful or poisonous substances

25. The data _____ that the company's profits have steadily increased over the past quarter.

v. to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly

26. He approved their requests to _____ the jury.

v. to take temporary possession of someone's property until a debt is paid.

27. His _____ of literary works are often unique.

n. an explanation or opinion of something, especially that is not immediately obvious

28. The Prime Minister stressed the need to create _____ industries.

adj. introducing or using new methods, ideas, etc.

29. She voted by _____ because she was unable to attend in person.

n. a person or entity that is authorized to act on behalf of another person or entity

30. I want to _____ a toast in honor of our longstanding relationship.

v. to make a proposal, declare a plan for something

31. Graduating from college is a _____ occasion in one's life.

adj. of great significance, importance, or consequence; having a profound or lasting effect or impact

ANSWERS: 23. acidification, 24. polluted, 25. indicates, 26. sequester, 27. interpretations, 28. innovative, 29. proxy, 30. propose, 31. momentous

32. He _____ jumped out of his chair when he heard the news.
adv. in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively
33. The _____ for the meeting includes discussions on the budget and new project proposals.
n. a list or outline of things to be done, discussed, or considered
34. The _____ in the road was so sharp that I had to slow down to navigate it safely.
n. a bend or angle in a line or surface that deviates from a straight or flat path; a gradual or smooth change in direction or shape
35. The _____ storm clouds filled the sky with ominous darkness.
adj. drawing nearer in time or space; coming close to someone or something
36. Human beings have a _____ lifespan, so we yearn for the idea of immortality.
adj. having a limit or restriction of size, time, etc.
37. The destruction of the _____ is a ticking time bomb for the Earth.
n. a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
38. The European Central Bank is Europe's _____ of the Federal Reserve.
n. having the same value, quality, meaning, purpose, etc.
39. The police placed a _____ across the street to halt traffic.
n. a fence or other obstruction that makes it hard to move or get in; any condition that makes it difficult to make progress or to achieve an objective

ANSWERS: 32. literally, 33. agenda, 34. curve, 35. approaching, 36. finite, 37. rainforest, 38. equivalent, 39. barrier

40. The _____ of time travel has long fascinated scientists and fiction writers alike.
- n.* a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts
41. Many researchers are monitoring environmental _____ in real-time through satellites.
- v.* the condition or process of changing to a lower state, or a less respected state
42. The perspective of his right brain _____ his consciousness.
- v.* to have or control a lot of power and influence over somebody or something
43. The detective followed a _____ of clues which ultimately led to the suspect's arrest.
- n.* a fine cord of natural or synthetic fibers or filaments, such as cotton or nylon, used in sewing, knitting, or weaving; a series of connected messages or comments on a social media platform or online forum, often related to a particular topic; a sequence or line of events, ideas, or actions that are connected or related; (verb) to pass a thread through a needle or other small opening, in preparation for sewing or stitching
44. 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
45. The _____ ball was made of lead and could cause serious injuries or even death to those hit by it.
- n.* a long, smoothbore gun used in warfare from the 16th to 19th centuries, typically fired from the shoulder and loaded through the muzzle

ANSWERS: 40. notion, 41. degradation, 42. dominates, 43. thread, 44. separate, 45. musket

46. The _____ of the machine must follow strict safety protocols.
- n.* a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations
47. The general gave a _____ to his troops to prepare for battle.
- n.* authority, control, or mastery over something, often referring to military or leadership contexts; a directive, order, or instruction; expertise or confidence in a specific area; (verb) to give an authoritative order or instruction, or to be in charge or control of something
48. The castle was _____ several years later.
- v.* to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity
49. The new software is much more _____ and user-friendly.
- adj.* able to be controlled or directed
50. 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
51. It's important to _____ your strengths and weaknesses.
- v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
52. The rise and fall of _____ can be studied through history and archaeology.
- n.* a complex and highly organized society that has developed over time and has a dominant culture, including features such as language, religion, government, technology, and social customs

ANSWERS: 46. operator, 47. command, 48. abandoned, 49. controllable, 50. degrade, 51. recognize, 52. civilizations

53. We are responsible for the care and _____ of all our employees.

n. the state of being happy and healthy and prosperous

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

adj. of or relating to or resulting from industry

55. The phone rang at the most _____ time.

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

56. The company is investing heavily in _____ research and development.

adj. in the direction against a stream's current; (adverb) toward the source or beginning of a stream, river, or process

57. The prime minister faced _____ criticism.

adj. severe and unkind; extremely tough and unpleasant to inhabit

58. Our company is strongly _____ to meeting customers' needs.

adj. willing to put in a lot of effort, time, and energy into something; firmly believing in something

59. Relations between the two countries have been relatively _____ due to the summit meeting.

adj. firm and steady; not easily moved, disturbed, or changed

60. The manufacturing industry is _____ fierce competition.

n. a person who sees something happen, especially a crime or an accident

ANSWERS: 53. well-being, 54. Industrial, 55. opportune, 56. upstream, 57. harsh, 58. committed, 59. stable, 60. witnessing

61. The sudden, _____ change in weather caught everyone by surprise.

adj. sudden and unexpected

62. The _____ of the tree had fallen and blocked the road.

n. a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization

63. The recent economic downturn has resulted in _____ layoffs.

adj. enormous amount; very heavy and solid

64. He was sick for five _____ days.

adj. extending or moving in one direction without bending or curving; having no deviations

65. 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

66. I could no longer earn my own _____.

n. a means of earning money people need to pay for food, a place to live, clothing, etc.

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

adj. relating to or connected with chemistry;

68. The country experienced a _____ increase in population.

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

69. We ___ for an overseas expansion.

v. to try or plan to get or achieve something

ANSWERS: 61. abrupt, 62. branch, 63. massive, 64. straight, 65. threshold, 66. livelihood, 67. chemical, 68. gradual, 69. aim

70. Archaeologists found traces of agricultural _____ channels at the historic site.
- n.* the agricultural practice of supplying land with water through pipes or channels so that crops grow well
71. The ocean's ecosystem is being threatened by _____ causing many species to become endangered.
- n.* the removal of too many fish from a body of water, causing a decline in population levels and harm to the ecosystem
72. The _____ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
73. 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
74. The new _____ on imported goods has sparked controversy among trade partners.
- n.* a tax imposed by a government on imported or exported goods
75. The company is planning to make a _____ expansion of its factory.
- adj.* involving many people or things and involving a lot of change or activity
76. The essence of economics is to _____ the allocation of limited resources.
- v.* to make the best or most effective use of something

ANSWERS: 70. irrigation, 71. overfishing, 72. process, 73. innovation, 74. tariff, 75. large-scale, 76. optimize

77. I attempted to _____ him, but he ignored me.
- v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
78. 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
79. Many people in this city use the _____ railway for transportation.
- n.* a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
80. He found that it is difficult to _____ socially.
- v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
81. The bid _____ for this auction is \$100.
- n.* a regular increase in the amount of something, such as money; a process of becoming larger, longer, or more important
82. My initial reaction was to _____.
- v.* to show that one is not willing to do or accept something
83. The _____ area was home to many different species of birds.
- adj.* land that is saturated with water, either permanently or seasonally, such as swamps, marshes, and bogs
84. Totalitarian _____ are less likely to innovate because they deprive individuals of economic incentives.
- n.* the organization, a system, or method that is the governing authority of a political unit

ANSWERS: 77. warn, 78. ecology, 79. loop, 80. integrate, 81. increment, 82. refuse, 83. wetland, 84. regimes

85. The _____ is endangering the local plants and animals.
n. the introduction of harmful substances or waste into the natural environment that causes adverse change
86. The production of _____ fuels requires massive volumes of fresh water.
adj. capable of being renewed, extended, or replaced
87. I will work hard to _____ my goals and realize my dreams.
v. to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
88. The election was a _____ success for the Whigs.
adj. worthy of attention because unusual or special
89. Many people jumped on the health food _____ after realizing its benefits.
n. a popular or fashionable trend or cause that attracts a large number of people who want to be part of it, often without considering its merits or drawbacks
90. Competition between countries resulted in fast technological _____.
n. the development, improvement, or progress of something
91. The _____ between the two countries was a delicate and complex process.
n. the process of discussing and reaching an agreement with others
92. Countries whose goal is economic development often focus on fostering an entrepreneurial _____ in each individual.
n. the established set of attitudes or fixed ideas held by someone

ANSWERS: 85. pollution, 86. renewable, 87. achieve, 88. remarkable, 89. bandwagon, 90. advancement, 91. negotiation, 92. mindset

93. Our system can now _____ with other databases.
v. to connect similar things
94. Autistic children may engage in _____ behaviors, such as rocking or hand flapping, to self-regulate.
n. a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation
95. The balance of the _____ is crucial for the survival of species.
n. the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms
96. She is a _____ person and has always bounced back from setbacks.
adj. able to withstand or recover quickly from difficult conditions
97. The barking dog next door is becoming quite a _____.
n. something or someone that causes annoyance, inconvenience, or discomfort; an unpleasant or irritating thing or person
98. Cities around the world set records for highest _____ this summer.
n. the degree of hotness or coldness of a thing or place
99. The shooter was eventually _____ and arrested by police.
v. to conquer or establish complete control over someone by using superior strength
100. The _____ layer is vital for blocking some harmful sun rays.
n. a poisonous gas with the chemical formula O₃, which has a strong smell

ANSWERS: 93. interconnect, 94. stimming, 95. biosphere, 96. resilient, 97. nuisance, 98. temperatures, 99. overpowered, 100. ozone

101. 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

102. I decided to ____ for premature retirement.

- v.* to make a choice from a range of possibilities

103. The farmer tied the yoke oxen to the _____.

- n.* a farming implement used for breaking up and turning over the soil, especially before planting; (verb) to turn over and break up the soil in preparation for planting crops

104. Our plan includes a comprehensive marketing _____.

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

105. The younger _____ has different values and beliefs than the older one.

- n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity

106. It was the _____ of a dinosaur tooth.

- n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

107. He wanted to _____ his brand logo on the product.

- v.* to make a mark or impression on a surface; to leave a lasting impression or influence on someone or something; (noun) a mark or impression made by pressing or stamping something onto a surface; a distinctive feature or characteristic that is left by something or someone

ANSWERS: 101. invest, 102. opt, 103. plow, 104. strategy, 105. generation, 106. fossil, 107. imprint

108. Five miles is _____ similar to eight kilometers.

adv. approximately but not precisely; with a violent manner

109. I bought a gadget before my trip to help _____ stress during the flight.

v. to make something, especially something bad, small or less serious

110. The vessel ran aground on a _____.

n. a long chain or range of rocks or sand near the ocean's surface

111. According to the World Health Organization, the recommended safe lead level in drinking water is 15 _____.

n. an abbreviation for "parts per million," used to express the concentration of a substance in a solution or mixture

112. It's notoriously challenging to _____ birth rates.

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

113. 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;

114. The tragedy of the _____ is an economic theory explaining how individual actions can deplete shared resources.

n. the House of Commons, which is one of the two houses of Parliament; a piece of land or an area set aside for public use, often used for recreation or grazing livestock; a shared or public resource

115. Only a small number of _____ utilities offer sanitation services.

adj. relating to or located in a town or city

ANSWERS: 108. roughly, 109. minimize, 110. reef, 111. ppm, 112. predict, 113. revolution, 114. commons, 115. urban

116. The rainforest is one of the most diverse _____ on the planet.

- n.* a major ecological community characterized by particular plant and animal species adapted to a specific climate and geographic region, such as desert, tundra, or rainforest

117. The stock market has been _____ lately, with prices fluctuating rapidly.

- adj.* marked by a lot of sudden changes, confusion, or uncertainty; characterized by intense activity or agitation

118. The ozone layer, which protects us from harmful UV radiation, is in the _____.

- n.* the second layer of the Earth's atmosphere, extending from about 7 to 50 kilometers above the Earth's surface, containing the ozone layer

119. The chemicals _____ a massive health risk.

- v.* to present a risk, problem, or other issues that must be addressed

120. Could you help me _____ some furniture?

- n.* a slight transition in position, direction, or trend

121. The food chain causes a material _____.

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

122. The military _____ between the two countries created tension in the international community.

- n.* the state of a cooperative relationship between people or groups, especially in business

123. Her _____ manner relaxed everyone there.

- adj.* having or showing a kindly or tender nature; soft and mild

ANSWERS: 116. biomes, 117. turbulent, 118. stratosphere, 119. pose, 120. shift, 121. cycle, 122. partnership, 123. gentle

124. He was reluctant to leave his comfort _____ and try something new.

n. a specific area, region, or section that is marked off or defined in some way

125. Hounds _____ their prey by using their keen scent.

v. to go after and try to catch wild animals to kill them for food, sport, or profit

126. Rainfall in the tropics is highly _____.

adj. likely to change or vary often; (noun) a symbol, like x or y, that is used in mathematical or logical expressions to represent a value that may be changed

127. We cannot _____ enough raw material sources.

v. to promise something will happen formally, especially that certain conditions about a product, service, or transaction would be met

128. The ongoing budget cuts have _____ the quality of education in many schools.

v. to gradually wear away or break down (rock, soil, or other material) through the action of wind, water, or other natural agents; to gradually weaken or undermine (something) over time

129. The statement had a _____ impact on house prices.

adj. very sudden, very excellent, or full of action and excitement

130. The _____ student was anxious during the exam and made several careless mistakes.

adj. nervous, jittery, or prone to sudden movements or reactions; characterized by irregular or uneven movement or motion

131. The teacher attempted to _____ the root cause of our mistake.

v. to think about in-depth and evaluate to discover essential features or meaning

ANSWERS: 124. zone, 125. hunt, 126. variable, 127. guarantee, 128. eroded, 129. dramatic, 130. jumpy, 131. analyze

132. The school's _____ committee met to discuss the student's behavior.
adj. of or relating to the punishment of people who break the rules; of or relating to a specific field of academic study
133. The landscaper recommended a layer of rubber _____ for the children's playground as it provides cushioning and minimizes injuries from falls.
n. a protective covering, often made of organic materials such as wood chips, straw, or leaves, applied to the soil around plants to suppress weed growth, retain moisture, and provide insulation
134. The concept of _____ is often viewed as an impossible or unrealistic goal, as it goes beyond what is currently possible.
n. an ideal and perfect society in which all social and political problems have been solved, and all members live in harmony and prosperity
135. We must manage to _____ our expenditure.
v. to control something, especially by means of rules or laws
136. Low sexual _____ typically correlates with low testosterone levels.
n. a strong feeling of wanting to have or do something
137. 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
138. The nobler, the more _____.
adj. having or showing a modest or low estimate of one's quality or importance
139. 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

ANSWERS: 132. disciplinary, 133. mulch, 134. utopia, 135. regulate, 136. desire, 137. efficiency, 138. humble, 139. diversity

140. 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
141. The researchers try to discover a common _____ in all types of successful organizations.
n. one of several parts that combines with others to form something bigger
142. Using a password manager can act as a _____ against hackers who try to steal your personal information.
n. a device, material, or person that reduces the impact or effect of an external force or provides protection against harm or damage
143. The patient's _____ on painkillers became a serious concern for their healthcare team.
n. the state or condition of relying or depending on someone or something else; a relationship in which one person or thing is influenced, controlled, or supported by another
144. The company planned to _____ a large rainforest area to make way for a new plantation.
v. to clear an area of forest or trees
145. Their headquarters are in a _____ skyscraper.
adj. of or belonging to the present time or recent times
146. The development of agricultural technology has had an _____ impact on humanity.
adj. impossible to change or return to a previous condition
147. He wandered the _____ between life and death by gunfire.
n. a real or imaginary line that marks the limit or extent of something and separates it from other things or places

ANSWERS: 140. humming, 141. component, 142. buffer, 143. dependence, 144. deforest, 145. modern, 146. irreversible, 147. boundary

148. This microbe is a parasite of _____ fish.

adj. living in, found in, or connecting with water that does not contain salt

149. The _____ on the wall showed that the room was three meters long.

n. a device used to measure the amount of a particular substance or attribute, such as length, volume, or time; (prosody) the accent in a metrical foot of verse

150. 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

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

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

152. _____ gas is used to inflate car tires because it does not react with rubber.

n. a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins

153. The temperature range was one of the critical _____ we had to consider when designing the experiment.

n. a numerical or other measurable factors that characterize a system or set of data

154. The raising of interest rates _____ the inflation rate.

v. to become or cause to become steady or unlikely to give way

155. The _____ on the flight was very helpful in assisting passengers with their needs.

n. a person responsible for the management and care of another's property or for the supervision of the domestic staff of a large household or organization; a person in charge of arranging for the supply of food to a college, club, etc.

ANSWERS: 148. freshwater, 149. meter, 150. organic, 151. atmosphere, 152. Nitrogen, 153. parameters, 154. stabilizes, 155. steward

156. He tried to _____ the amount of product that was needed to complete the job.

v. to express or measure something in numerical terms

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

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

158. _____ all the parties signed the contract.

adv. almost completely

159. His _____ speech about his struggles with addiction brought tears to the audience's eyes.

adj. causing strong emotions or feelings, especially sadness or sympathy

160. The company was fined for _____ environmental regulations.

v. to break the law or moral code; to go beyond or exceed the limits or boundaries of something

161. His stock earnings _____.

v. to consist of four items or people; to become four times as great or many

162. The _____ of the coastline has accelerated due to rising sea levels.

n. the wearing away of rock, soil, or land by natural processes such as wind or water

163. The professor taught us about the experiment's _____ relationships between different variables.

adj. pertaining to a system or process that does not follow a straight or predictable path, often resulting in unexpected or unpredictable outcomes or behaviors

ANSWERS: 156. quantify, 157. biodiversity, 158. Virtually, 159. moving, 160. transgressing, 161. quadrupled, 162. erosion, 163. nonlinear

164. Military technology eventually became the foundation for _____ technology that supported people's lives.

adj. of or relating to a subject of study, especially a science, that is used in a practical way

165. He was a visiting _____ professor at the University of Tokyo.

n. a science that deals with the history of the earth as recorded in rocks

166. Various artificially induced causes are _____ our ecosystem.

v. to utter intentions of injury or punishment against someone

167. European powers _____ much of the Americas in the 16th and 17th centuries.

v. to establish a colony in or on a specific place; to settle or occupy in large numbers

168. The brain is an incredibly complex organ that controls the body's _____.

n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

169. The company's new _____ on remote work has made it a more inclusive workplace.

n. a set of rules, guidelines, principles, or procedures that govern decision-making or action, often used in the context of business or government; a course of action or plan of action adopted or followed by an organization or individual to achieve a goal or objective

ANSWERS: 164. applied, 165. geology, 166. threatening, 167. colonized, 168. function, 169. policy

170. We had a _____ time yesterday.

adj. very great in degree or extent or amount or impact; extremely good

171. Infants and pregnant women are particularly _____.

adj. capable of being hurt or influenced physically or mentally

172. There are five distinct _____ at five unique wavelengths.

n. the act of production or sending out gas, heat, light, etc.

173. This accident _____ a dark shadow over their lives.

v. to cause light or shadow to appear on a surface; to assign or choose someone such as an actor or representative, especially by selection process

174. The nations of South East Asia will quickly _____ and catch up with the West.

v. to organize the production of something into an industry

175. She had a _____ hold on the ladder and was afraid to move.

adj. not securely held or in position; dangerously unstable or uncertain; dependent on chance or uncertain conditions

176. She planted a hedge to serve as a natural _____ around her garden.

n. a structure, usually made of wood or metal, that encloses an area, typically for protection or to keep animals or people in or out; a dealer in stolen property

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

adj. capable of adjusting to new situations or changing conditions

ANSWERS: 170. tremendous, 171. vulnerable, 172. emissions, 173. cast, 174. industrialize, 175. precarious, 176. fence, 177. adaptive

178. To advance this discussion, we must _____ "success" rigorously.
v. to state or explain precisely the nature, scope, or meaning of something
179. The car's _____ was impressive, going from 0 to 60 mph in just 5 seconds.
n. a rate of increase in velocity; the rate of change of velocity with respect to time
180. Cold temperatures and long, dark winters characterize the _____ climate.
adj. of or relating to the region around the North Pole or the Arctic Ocean; very cold
181. She had an audition for _____ school.
n. a play in a theatre, television, or radio, or performance on a stage
182. The organization held _____ consultations to gather input on the project.
n. a person or group that has an interest or concern in something, especially a business
183. We should do our best not to _____ the environment.
v. to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
184. They carefully executed the well-planned _____ they had prepared over the years.
n. an organized and often large-scale plan or arrangement for doing something
185. The study's results were based on _____ evidence gathered from extensive research.
adj. based on or verifiable by observation or experience rather than theory or pure logic

ANSWERS: 178. define, 179. acceleration, 180. arctic, 181. drama, 182. stakeholder, 183. pollute, 184. scheme, 185. empirical

186. They hope to _____ their business worldwide.

v. to increase or to make something greater in size, number, or importance

187. This machine is too difficult to _____ for me.

v. to work in a particular way; to supervise something

188. The majority of the people on the island are _____ folk.

n. an area of water where fish are caught in large quantities for living; a business or practice of catching and selling fish

189. They tried to _____ her position by slandering her.

v. to make someone or something less powerful, less effective, weaker gradually; to make someone's fame, confidence, or authority less effective or weaker gradually

190. He was _____ to making rash decisions.

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

191. Frugality and industry are still _____ as virtues.

v. to think about or consider somebody or something in a specified way

192. As people age, their digestive capacity also gradually _____.

v. to become gradually smaller, fewer, worse, etc.; to refuse to accept

193. The waves crashed against the rocks, creating white _____.

n. a mass of small air bubbles formed on the surface of a liquid; a substance that forms a lather when mixed with water

ANSWERS: 186. expand, 187. operate, 188. fishery, 189. undermine, 190. prone, 191. regarded, 192. declines, 193. foam

194. They never _____ on development despite the lack of funds.
v. to settle a problem or disagreement by mutual concession
195. The company decided to invest in a _____ industry.
adj. successful financially or materially; bringing success or good fortune
196. We _____ the season's total trade deficit at \$50 billion.
v. to guess or calculate the cost, size, value, etc. of something
197. The student purchased a _____ textbook to help with their studies.
adj. added to complete or enhance something; additional; subsidiary; complementary
198. There are now fears that war is _____.
adj. impossible to avoid or evade; inevitable
199. The _____ in a forest can be measured by collecting and weighing all living plants within a specific area.
n. the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms
200. The new phone is waterproof and can _____ being dropped in water.
v. to resist the effect or impact of something
201. The scientist found _____ artifacts in the historic site.
adj. of or relating to the second period of the Stone Age, which represents almost the entire period of prehistoric human technology
202. Human behavior has _____ characteristics.
adj. forming an essential base or core from which everything else develops or is affected

ANSWERS: 194. compromised, 195. prosperous, 196. estimated, 197. supplementary, 198. unavoidable, 199. biomass, 200. withstand, 201. paleolithic, 202. fundamental

203. He was _____ gifted.

adv. as might be expected; by natural manners

204. Who answers _____ knows little.

adv. quickly and unexpectedly

205. She checked her _____ before embarking on the hike.

n. a toothed wheel that engages another toothed mechanism to change the speed or direction of transmitted motion; a set of tools, equipment, or other items for a particular purpose

206. The findings of the experiment were both _____ and unexpected.

adj. causing a lot of interest or excitement

207. We have _____ time to finish the project before the deadline.

adj. enough or more than enough; having plenty of something

208. The restaurant sources its ingredients _____ ensuring freshness and supporting local farmers.

adv. in or to a specific or limited area or region; focused or restricted to a particular locality or community

209. Political corruption was common throughout the postwar _____.

n. a period that is distinct from others, typically in history

210. We _____ cows to gain milk and meat.

v. to take control of animals or plants to provide food, power, or company

211. His class will cover an introduction to agricultural _____.

n. the branch of social science that deals with the production, consumption, and transfer of goods and services

ANSWERS: 203. naturally, 204. suddenly, 205. gear, 206. exciting, 207. ample, 208. locally, 209. era, 210. domesticate, 211. economics

212. The era of the industrial revolution was a crucial _____ of history.
n. any stage in a series of events, change, or development
213. There is considerable _____ in all the test scores.
n. the fact or quality of something being likely to vary
214. He was _____ from the meeting and missed all the important updates.
adj. not present in a particular place at a particular time
215. I advised him to _____ to his new surroundings.
v. to make fit for or change to suit a new purpose or environment
216. 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
217. These plants thrive in hot climates with abundant _____.
n. the amount of rain that falls in a specific location at a particular moment
218. The technology _____ is constantly evolving and innovating.
n. a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
219. The busy road was closed for a few hours for a railway _____.
n. the act of going from one side to the other; a place where roads, railway tracks, or rivers intersect
220. The company undertakes _____ development for software companies in many countries.
adj. situated at or happening in the sea, not far from the shore or land; (of winds) coming from the land

ANSWERS: 212. phase, 213. variability, 214. absent, 215. adapt, 216. drought, 217. rainfall, 218. sector, 219. crossing, 220. offshore

221. 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

222. He got an electric _____ at work.

- n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant

223. She walked to the _____ to freshen up before the meeting.

- n.* a bowl-shaped plumbing fixture with a seat for defecation and urination, or a room or building containing one or more of this fixture

224. Her sudden _____ of her mistake caused her great regret.

- n.* the act or process of understanding or becoming aware of something; the act of achieving or completing something that was planned or desired; the act of making something real or tangible

225. The government tried to _____ the commercialization of this development.

- v.* to make something faster or earlier; to cause to develop or progress more quickly

226. My father tried to _____ mathematics into my head since childhood.

- v.* to hit or cause to hit something in a way that makes a loud noise

227. The ignition of _____ gas in the plant killed five employees.

- n.* a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel

228. How extraordinarily _____ a liar the camera is.

- adj.* difficult to hold firmly or stand on because it is wet or smooth; not to be trusted

ANSWERS: 221. carbon, 222. shock, 223. toilet, 224. realization, 225. accelerate, 226. bang, 227. methane, 228. slippery

229. We have to discuss the _____ reforms of our country.

adj. of, in, or relating to a large important organization, such as a university or bank; organized as or forming part of the standard systems, practices, etc.

230. Careful brushing can remove ____.

n. the egg of a louse (= that is a tiny insect that lives in human hair) or some other insect; a foolish person

231. In this office, teamwork is the _____ factor in achieving success.

adj. having control, authority, or influence that is greater than that of others; prevailing or vastly more abundant than others of the same kind

232. The company's stock gives a high _____.

n. the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information

233. I need to buy a new coat _____ to organize my winter jackets.

n. a framework or support structure used to hold or display objects; a set of interconnected shelves or compartments used for storage; a source of torture, distress, or mental anguish

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

adv. by bad luck; unluckily

235. Some ethnic _____ groups experienced discrimination in society.

n. the smaller part of a group, especially a number or part representing less than half of the whole; a period before adult legal age

236. In just four years, the _____ has doubled.

n. the total number of people in a country, region, or location

ANSWERS: 229. institutional, 230. nit, 231. predominant, 232. yield, 233. rack, 234. unfortunately, 235. minority, 236. population

237. His coach is a _____ Olympic champion.

adj. consisting of three items or people; three times as great or many

238. The regulations _____ medical malpractice claims are rigorous.

v. to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services

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

v. to cause something to become less stable or secure

240. The company's pricing strategy limits its _____ to compete with other businesses in the market.

n. the ability, skill, or competence to do something; the potential or aptitude for a particular task or function

241. The economy becomes more volatile and less _____.

adj. capable of being known, seen or declared in advance

242. The _____ of the dinosaurs is thought to have been caused by an asteroid impact.

n. the complete disappearance of a species from the earth

243. We _____ a cease-fire.

v. to come to an end or close; to reach a judgment or opinion by reasoning

244. My father's death _____ my life completely.

v. to change in outward structure or looks;

ANSWERS: 237. triple, 238. governing, 239. destabilized, 240. capability, 241. predictable, 242. extinction, 243. concluded, 244. transformed

245. She received her _____ in psychology from the university.

- n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

246. The policy should increase the country's monetary _____.

- n.* the quality or attribute of being firm and steadfast

247. Two students answered the teacher's question _____.

- adv.* at the same time

248. The _____ rains often bring relief to areas suffering from drought.

- n.* a seasonal wind system that brings heavy rainfall to a region, typically occurring in tropical areas

249. The picture earned near-_____ acclaim from critics.

- adj.* existing or affecting everywhere or everyone

250. The company had to let go of some employees due to _____.

- n.* the state of being unnecessary, especially through being able to be replaced by something else

251. The government is investing in programs to support _____ and small business development.

- n.* the process or skill of starting and running a business, particularly a new and innovative one

252. My left arm became _____.

- adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity

ANSWERS: 245. degree, 246. stability, 247. simultaneously, 248. monsoon, 249. universal, 250. redundancy, 251. entrepreneurship, 252. numb

253. You _____ a bill in the change machine, and the coins pop out.

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

254. The Nobel _____ delivered an inspiring speech to the graduating class.

- n.* a person who has been awarded an honor or a prize for achievement in a particular field, especially in literature or academia; a poet who is honored for achieving the highest level of excellence in a competition or for producing a lifetime body of work

255. _____ amounts of heckling and slogan-shouting took place throughout the event.

- adj.* never having been seen, done, or known before

256. He studied the _____ of radiation.

- n.* the science of matter and energy and their interactions

257. Hydrogen and oxygen _____ to form water.

- v.* to join or merge to form a single thing or group

258. A smaller car will _____ less fuel.

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

259. The _____ of natural resources is a major concern for environmentalists.

- n.* the reduction of something, especially a natural resource, to a critically low level

260. He is drawing a _____ illustrating how the equipment operates.

- n.* a simplified illustration of the appearance, structure, or workings of something

ANSWERS: 253. stick, 254. laureate, 255. Unprecedented, 256. physics, 257. combine, 258. consume, 259. depletion, 260. diagram

261. The wallpaper had a pattern of pink _____ on a white surface.

n. a very small circular mark, especially one that is printed

262. The _____ concert was packed with fans.

adj. existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation

263. 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

264. _____ workers play a critical role in keeping our cities clean and healthy.

n. the process of maintaining a clean and hygienic environment, particularly in public health and safety contexts; the practice of disposing of waste products in a safe and appropriate manner

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

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

266. _____ is the start, not the end, of intelligence.

n. a feeling of being uncertain about something, especially about how good or accurate it is

267. The sponge _____ water well.

v. to take in a fluid or other substance gradually

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

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

ANSWERS: 261. dots, 262. standing, 263. ecosystem, 264. Sanitation, 265. dinosaur, 266. Doubt, 267. absorbs, 268. Climate

269. The exam was _____ tricky for everyone.

adv. in a way that causes amazement or wonder

270. You can be more _____ and creative in your approach.

adj. able to change or be changed to suit new conditions or situations; able to bend easily

271. Unfortunately, the radio _____ made it difficult to hear the broadcast.

n. the act or process of getting involved in and trying to influence a specific situation; the state of being affected and influenced with

272. He postulated a completely different _____ to explain all these phenomena.

n. a standard or typical example of something; a pattern or model

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

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

274. It is important not to undertake tasks with _____ objectives to improve productivity.

adj. poorly stated or described and therefore not easy to understand; not easy to perceive

275. A growing _____ requires a bold leader.

n. a business or company; a purposeful or industrious undertaking, especially one that requires effort

276. The extinction rate of aquatic animals was _____.

adj. extremely harmful; causing physical or financial destruction

ANSWERS: 269. surprisingly, 270. flexible, 271. interference, 272. paradigm, 273. sustainable, 274. unclear, 275. enterprise, 276. catastrophic

277. The lawyer's ____ for the case was \$10,000.

n. a sum of money charged for a particular service

278. She _____ the toothpaste tube from the middle to get the last bit out.

v. to apply pressure from two or more sides; to hold someone or something tightly in your arms, usually with fondness

279. The _____ emissions from the nearby factory caused the rotten egg smell.

n. (also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications

280. The _____ demonstrate that poverty and unemployment are genuine problems.

n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

281. He was extremely generous to the _____ young artist.

adj. desiring or striving for recognition or advancement; wanting to be successful in life

282. Governments _____ renewable energy generation in various ways.

v. to pay part of the cost of something to support an organization, activity, etc. financially

283. The abandoned ship slowly began to ____ into the murky waters of the harbor.

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

ANSWERS: 277. fee, 278. squeezed, 279. sulfur, 280. statistics, 281. aspiring, 282. subsidize, 283. sink

284. They used fast-acting _____ on the flowers in the flower beds.
n. any substance that is essential for the maintenance and growth of living things
285. The _____ weather made staying motivated and happy throughout the day hard.
adj. characterized by a lack of light or sunshine, resulting in a dark or dim atmosphere; feeling despondent, dismal, or melancholy
286. That company is cautious when it comes to _____ investment.
n. the value of the shares issued by a company
287. I pushed _____ with my new project, even though it would take much hard work.
adv. forward, outward, or onward in location, direction, or progress; into view or consideration; with confidence, boldness, or in the open
288. The incident _____ a political controversy.
v. to make something happen suddenly; to cause something such as a device, machine, etc. to function
289. 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
290. The advanced math problem was _____ but the student was determined to solve it.
adj. difficult, demanding, or requiring a high degree of skill or effort; presenting a difficult problem or obstacle
291. She is wearing a _____ necklace.
n. a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry

ANSWERS: 284. nutrients, 285. gloomy, 286. equity, 287. forth, 288. triggered, 289. environment, 290. challenging, 291. coral

292. The military _____ disappeared without a trace.

- n.* a type of underwater vehicle or vessel that can operate beneath the surface of the water; (adjective) beneath the surface of the sea

293. There's no _____ in his description.

- n.* a way of thinking or reasoning conducted or evaluated by strict validity principles; the study of correct reasoning or good arguments

294. I will introduce you to how to _____ the leading causes of the malfunction.

- v.* to recognize someone or something and say or prove who or what they are

295. The coach benched the star player after he broke a team rule, leaving him on the _____ for the entire game.

- n.* a secondary or less significant job, interest, or activity; a line on the side of a sports field that players must stay behind; (verb) to remove someone from their position or role, often temporarily or as a result of a setback or failure

296. The United Nations assists countries in building strong _____ frameworks and institutions.

- n.* the act or process of governing or managing a political, social, or economic entity; the systems or principles that guide such processes

297. The athlete's performance _____ all expectations, breaking a world record.

- v.* to surpass or go beyond a limit, expectation, or requirement; to be better or greater than anticipated or desired

298. The _____ effect is a phenomenon that happens naturally.

- n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in

ANSWERS: 292. submarine, 293. logic, 294. identify, 295. sideline, 296. governance, 297. exceeded, 298. greenhouse

299. Smoking has _____ effects on your health, especially your lungs.
adj. causing harm, damage, or injury; having a detrimental or destructive effect
300. 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
301. _____ compounds are commonly used to manufacture fertilizers to promote plant growth.
n. a chemical element with the symbol P and atomic number 15 that is a non-metallic, highly reactive, and luminescent element
302. 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
303. In southward, the average annual water _____ increases.
n. the amount or number of something; magnitude
304. People tend to make _____ predictions.
adj. of, relating to, or consisting of lines or length; able to be expressed as a straight line, especially on a graph
305. These heavy rains caused flash _____ on several islands.
n. a large amount of water flowing beyond its normal limits; an overwhelming number or amount
306. I'm going to take the _____ to get to my destination faster.
n. a main road, especially one connecting major towns or cities

ANSWERS: 299. deleterious, 300. complexity, 301. Phosphorus, 302. develop, 303. quantity, 304. linear, 305. floods, 306. highway

307. Everyone was aware of the impending _____ but was unable to prevent it.

n. death, destruction, or some other terrible situation that cannot be avoided

ANSWERS: 307. doom