

Englist.me



Vocabulary Builder Reference from...

Tim Flannery: Can seaweed help curb global warming? | TED Talk

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

All Words

IMPORTANT

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

Session 1: Word List

seaweed

n. a plant that grows in the sea or on land very close to the sea, especially marine algae

synonym : kelp, algae

(1) floating **seaweed**, (2) **seaweed** broth

She soaked **seaweed** in water until tender.

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**.

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.

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.

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**.

atmospheric

adj. about or located in the earth's atmosphere

synonym : atmospherical, climatic

(1) doubling of **atmospheric** carbon dioxide,

(2) **atmospheric** pressure

The sea surface temperature and **atmospheric** circulation are inextricably linked.

adverse

adj. unfavorable or harmful

synonym : hostile, detrimental, unfavorable

(1) **adverse** circumstances, (2) **adverse** reaction

The **adverse** weather conditions forced us to cancel the outdoor event.

consequence

n. the outcome of a particular action or event, especially relative to an individual

synonym : result, impact, outcome

(1) unintended **consequences**, (2) the **consequence** of an argument

These economic activities had disastrous environmental **consequences**.

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.

- rot** v. to decay, or cause something to decay, naturally and gradually
synonym: perish, decay, corrode
(1) begin to **rot**, (2) **rot** with age
Please refrigerate the meat, or it will **rot**.
- release** v. to set free or allow to escape from confinement
synonym: free, let go, discharge
(1) **release** a prisoner, (2) **release** CO2 into the air
The animal rights group worked to **release** the dolphins back into the wild.
- fantastic** *adj.* extremely good; excellent
synonym: incredible, unbelievable, marvelous
(1) a **fantastic** dress, (2) absolutely **fantastic** event
The new amusement park ride was **fantastic**, with twists, turns, and drops that left riders screaming with excitement.
- thereby** *adv.* as a result; consequence of a particular action or set of conditions
synonym: thus, hence, as a result
(1) **thereby-obtained** data, (2) **thereby** improving overall health
The new software will streamline the workflow, **thereby** increasing productivity.
- contribute** v. to give something, especially money or goods, to provide or achieve something together with other people
synonym: donate, devote, commit
(1) **contribute** a large sum of money to the fund,
(2) **contribute** to society
Government workers cannot **contribute** to political campaigns.
- drawdown** *n.* the reduction or depletion of a resource, such as water, as a result of extraction or use; the act of withdrawing

funds from an account or asset, typically associated with investment or borrowing

synonym: decline, reduction, decrease

(1) **drawdown** period, (2) investment **drawdown**

The organization initiated a **drawdown** of resources from its disaster relief fund to assist the affected communities.

delay

v. to cause something to happen at a later time than originally intended or expected

synonym: block, adjourn, detain

(1) **delay** a flight three hours, (2) **delay** the new project

We **delayed** the payment because of an incorrect invoice.

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.

volume

n. the amount of space occupied by an object or substance; the magnitude of sound

synonym: capacity, amount, intensity

(1) **volume** of work, (2) high **volume**

This container has a **volume** of 10 cubic meters.

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**.

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.

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.

offset

v. to compensate for or counterbalance one influence against an opposing influence

synonym : balance, cancel out, countervail

(1) **offset** deposits and withdrawals, (2) **offset** a loss

Strong growth in core business **offsets** losses in other business segments.

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.

permit

v. to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization

synonym : allow, authorize, concede

(1) **permit** application, (2) work **permit**

The teacher will not **permit** any students to leave the classroom early.

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.

circulation

n. the movement of blood through the body or of a fluid through a system; the number of copies of a newspaper

or magazine that are sold

synonym : flow, movement, dissemination

(1) lymphatic **circulation**, (2) **circulation** of money

The **circulation** of the magazine has been steadily declining.

progression

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

synonym : advancement, development, evolution

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

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

radar

n. a technology that employs radio waves to locate items that cannot be seen

synonym : sonar, radiolocation

(1) **radar** air traffic control, (2) **radar** scanning

Radar systems cannot spot the submarine.

sleeplessness

n. the condition of being unable to sleep or having difficulty sleeping

synonym : insomnia, wakefulness, restlessness

(1) **sleeplessness** disorder, (2) beat **sleeplessness**

He tried various treatments for his **sleeplessness**, but nothing seemed to work.

ambassador

n. a diplomatic representative of a country who is sent to another country or international organization

synonym : envoy, diplomat, representative

(1) **ambassador** for football, (2) send an **ambassador** abroad

The **ambassador** of peace met with government officials to discuss bilateral relations.

gigaton

n. a unit of explosive energy equal to one billion tons of TNT (= a powerful, yellow explosive substance); one billion tons

(1) **gigaton-class** bomb, (2) half a **gigaton** of CO₂

The earthquake that hit the Pacific Ocean last night is said to have released about 30 **gigatons** of energy.

baffle

v. to bewilder or perplex someone completely and to be unable to understand or explain something

synonym: perplex, astound, hinder

(1) **baffle** his plan, (2) **baffle** outside noises

The paradox **baffled** most philosophers.

graph

n. a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

synonym: chart, diagram, figure

(1) **graph** theory, (2) a **graph** sample

This bar **graph** shows sales over the past five years.

eloquent

adj. able to speak or write clearly and impressively

synonym: persuasive, fluent, well-spoken

(1) an **eloquent** speaker, (2) **eloquent** writing

She gave an **eloquent** speech at the graduation ceremony.

advocacy

n. the act of supporting or promoting a particular cause or point of view, often through public campaigning or lobbying

synonym: support, promotion, defense

(1) **advocacy** group, (2) consumer **advocacy** group

The group engages in **advocacy** through lobbying and campaigning for policy changes.

trajectory

n. the curved path followed by an object moving through space

synonym: course, curve, orbit

(1) career **trajectory**, (2) a **trajectory** missile

The company has shown an excellent growth **trajectory** over the years.

concentration

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

synonym: attention, engagement, assiduity

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

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

announcement

n. a public statement or declaration, often made in writing or through the media, that conveys important information or news

synonym: declaration, notification, statement

(1) public **announcement**, (2) **announcement** date

The company made an **announcement** about its new product at a press conference.

dive

v. to jump into the water with your head and arms going in first, or to move down to a deeper level underwater

synonym: dip, leap, plunge

(1) **dive** into anime communities, (2) **dive** off a cliff

The sperm whale can **dive** to 1,000 meters.

preempt

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

synonym: forestall, head off, anticipate

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

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

possibility

n. a chance that something may happen or be true

synonym: chance, prospect, likelihood

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

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

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.

pathway

n. a track that constitutes or serves as a path; an approach or a way of doing something

synonym: route, footpath, trail

(1) **pathway** to understanding, (2) cellular signaling

pathways

When the first molecule in the **pathway** receives a signal, it activates other molecules.

biology

n. the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**

In junior high school, we had to dissect a frog in **biology** class.

photosynthesis

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

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

photosynthesis

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

capture

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

synonym: catch, arrest, imprison

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

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

ominous

adj. giving the impression that something bad is going to happen; foreboding

synonym: foreboding, portentous, ominous

(1) an **ominous** silence, (2) **ominous** sign

The **ominous** clouds in the sky foretold of an approaching storm.

difficulty

n. a condition or state that causes problems

synonym: hardship, complication, problem

(1) the degree of **difficulty**, (2) **difficulty** in breathing
He has **difficulty** exercising because of a back injury sustained in an accident.

facilitate

v. to make something easier or more likely to happen

synonym: aid, assist, help

(1) **facilitate** a smooth transition, (2) **facilitate** the process
The company implemented a new software system to **facilitate** employee communication and collaboration.

manufacture

v. to make goods in large numbers, usually in a factory using machines

synonym: create, fabricate, assemble

(1) **manufacture** an enzyme, (2) **manufacture** a product
The majority of synthetic vitamins are **manufactured** from oil.

biofuel

n. a fuel produced from organic matter, such as crops or waste material, that can be used to replace or supplement traditional fossil fuels

synonym: renewable energy, green fuel, alternative fuel

(1) **biofuel** production, (2) **biofuel** technology

The airplane was powered by a **biofuel** made from plant-based materials.

reforestation

n. the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters

synonym: afforestation

(1) **reforestation** project, (2) **reforestation** policy

Reforestation efforts are necessary to combat deforestation and its negative environmental impact.

skeptical

adj. doubting that something is accurate or useful

synonym : doubtful, distrustful, suspicious

(1) a **skeptical** attitude, (2) **skeptical** scientists

His religious and philosophical beliefs were utterly **skeptical**.

utilize

v. to use something for a practical purpose in an effective way

synonym : employ, use, operate

(1) **utilize** a different approach, (2) **utilize** a catheter

The cook **utilized** the leftover oxtail to make soup.

forestry

n. the science, art, and practice of managing forests, including planting, cultivating, and caring for trees and conserving and developing natural forests

synonym : lumbering, timbering, arboriculture

(1) a **forestry** school, (2) sustainable **forestry**

The **forestry** industry plays a crucial role in the management and conservation of forests around the world.

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.

problematic

adj. full of difficulties; difficult to deal with or solve

synonym : inappropriate, inconvenient, worrisome

(1) a **problematic** situation, (2) seems to be highly **problematic**

Direct democracy is effective in quickly resolving **problematic** situations within a community.

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.

wee

adj. very small or tiny; referring to a short amount of time

synonym : tiny, small, diminutive

(1) **wee** child, (2) a **wee** bit

The toddler was excited to wear his new **wee-sized** shoes.

industrious

adj. hardworking, diligent, and persistent in effort

synonym : diligent, hardworking, assiduous

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

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

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.

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.

enhance

v. to increase or improve the quality, amount, or strength of someone or something

synonym : improve, enrich, refine

(1) **enhance** value, (2) **enhance** the flavor of the vanilla

The new strategy will **enhance** the profitability of our company.

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.

crop

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

synonym : output, produce, product

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

Sow early for an early **crop**.

unbelievable

adj. beyond belief or understanding and extremely surprising

synonym : unimaginable, incredible, fantastical

(1) **unbelievable** beauty, (2) cause **unbelievable** damage

He drinks an **unbelievable** amount of beer.

genetic

adj. of or relating to genes (= parts of the DNA in cells) or the science of genes

synonym : hereditary, genetical, inborn

(1) have **genetic** testing, (2) a **genetic** disorder

Understanding protein folding is a vital step in deciphering the **genetic** code.

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.

ancient

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

synonym :

archaic, age-old, obsolete

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

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

multicellular

adj. characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)

synonym: multicelled, many-celled, complex

(1) **multicellular** tissues, (2) **multicellular** life

Multicellular organisms are composed of many specialized cells working together.

evolve

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

synonym: develop, mature, grow

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

Eyeless fish **evolved** in dark caves.

pharmaceutical

adj. relating to the production and selling of the medical drugs

synonym: drug, medication, prescription

(1) major **pharmaceutical** companies, (2) commercial **pharmaceutical** products

She gave money to help set up a **pharmaceutical** laboratory.

suppose

v. to think that something is likely to be actual or possible

synonym: guess, assume, presume

(1) **suppose** you're right, (2) **suppose** beforehand

What do you **suppose** the culprit's motive was?

scalable

adj. capable of being easily expanded or increased in size, number, or scale to meet changing demands

synonym: expandable, flexible, adjustable

(1) **scalable** solution, (2) dynamically **scalable**

The company's new software is highly **scalable**, allowing it to handle increasing number of users.

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.

calculate

v. to judge or find out the amount or number of something by using mathematics

synonym: compute, figure, estimate

(1) **calculate** the distance, (2) **calculate** his credit score
He couldn't **calculate** the actual value of the artwork.

prototype

n. a first or preliminary example of something such as a device or vehicle from which other forms are developed

synonym: mock-up, precursor, model

(1) complete a **prototype** product, (2) early **prototype**
The flying car is presently in the **prototype** stage.

construct

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

synonym: build, assemble, create

(1) **construct** a 3D image, (2) **construct** a dam
He **constructs** hypotheses that no mathematician has ever imagined before.

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.

productive

adj. resulting in or making a lot or a significant amount of something, especially something of value

synonym: efficient, fruitful, successful

(1) low **productive** capacity, (2) **productive** meeting

The new employee proved extremely **productive**, completing projects ahead of schedule.

trunk

n. the main stem or body of a tree which its branches grow

synonym : body, chest, torso

(1) the **trunk** of the tree, (2) the **trunk** of the body

Destructive fungi thrive in moist environments, such as those seen in wounds on the **trunk**.

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.

bark

n. the hard outer layer of a tree; a sound made by dogs or some other animals

synonym : skin, husk, crust

(1) trees with rough **bark**, (2) **bark** at the moon

He removed the **bark** from the tree.

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.

drift

v. to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction

synonym : float, wander, freewheel

(1) **drift** down the stream, (2) **drift** away on a raft

I **drifted** around for years in Europe before going to university.

abyss

n. a deep, dark, or seemingly bottomless chasm or void
synonym: chasm, cavity, gulf

(1) the **abyss** of time, (2) an **abyss** of hopelessness
The deep sea is an **abyss** of mystery and discovery.

millennium

n. a span of 1000 years, or the 1000th anniversary (plural: millennia)

(1) past **millennium**, (2) **millennium** bottle of wine
Our world is in the third **millennium**.

bug

n. any tiny insect; a fault or defect in a computer program, system, or machine

synonym: insect, bacterium, microbe

(1) **bug** bites, (2) number of **bug** fixes
I found a stink **bug** crawling across the ceiling.

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.

vast

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

synonym: expansive, extended, boundless

(1) **vast** majority, (2) **vast** desert
A **vast** audience viewed the broadcast.

desert

n. arid land with little or no vegetation often covered with sand or rocks

(1) **desert** basin, (2) oasis in the **desert**
This region is predominantly **desert**.

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.

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.

pump

v. to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

synonym : drain, inject, send

(1) **pump** a secret out of success, (2) **pump** blood throughout the body

He was alert and could not **pump** any critical information out of him.

irrigate

v. to supply water to land to help plants grow

synonym : water, drench, soak

(1) **irrigate** fields, (2) **irrigate** the flowers and plants

The water shortage in the region has made it difficult for farmers to **irrigate** their crops.

involve

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

synonym : implicate, include, engage

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

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

intervention

n. the action or process of being done to improve or help a circumstance, often they have not been asked to do so

synonym : interference, intercession, treatment

(1) **intervention** by foreign powers, (2) surgical **intervention**

This **intervention** does not require the patient's consent.

pile *n.* a collection of objects positioned one on top of another; a large sum of something, such as money

synonym: accumulation, heap, stack

(1) a sand **pile**, (2) the height of a **pile**

After the party, they had to clean up **piles** of dirty dishes.

stink *v.* to emit a strong, unpleasant odor; to have a strong offensive smell; to be corrupt or unethical

synonym: reek, smell, odor

(1) **stink** up the place, (2) **stink** badly

The garbage in the alley began to **stink** after a few hot days.

foresee *v.* to perceive or predict; to anticipate or expect something to happen in the future

synonym: predict, anticipate, forecast

(1) **foresee** the consequences, (2) **foresee** challenges
I **foresee** a problem arising if we don't address this issue now.

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.

canyon *n.* a large deep valley with very steep sides of rock and usually formed by a river

synonym: gorge, valley, ravine

(1) twisty **canyon** road, (2) **canyon** of skyscrapers

The Grand **Canyon** has an awe-inspiring sight.

novel

n. an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

synonym : fiction, story, (adjective) innovative

(1) historical **novel**, (2) **novel** effect

The **novel** has largely gotten positive feedback.

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.

distribute

v. to give something to a large number of individuals, or to spread or furnish something

synonym : broadcast, disperse, hand out

(1) **distribute** wealth evenly, (2) **distribute** video content

His estate was **distributed** to his sons.

char

v. to burn or scorch the surface of something with fire or heat, often intentionally; to cook or prepare food over an open flame; to blacken or discolor due to excessive heat or burning; (noun) a charred piece of wood or other material; (noun, of a computer) a character or symbol in a text or string of characters in computer programming

synonym : burn, scorch, singe

(1) **char** a wall, (2) **char** layer

She decided to **char** the vegetables on the grill for added flavor.

inert

adj. lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive

synonym : motionless, inactive, dormant

(1) **inert** gases, (2) **inert** ingredients

The rock was completely **inert** and didn't react when we tried to break it open.

mineral

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

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

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

biochar

n. a material produced by heating organic matter under low-oxygen conditions often used as a fertilizer or soil amendment

synonym : biocharcoal, charcoal

(1) **biochar** carbon, (2) **biochar** soil amendment

Biochar production can be a way to manage organic waste while also generating renewable energy.

dispatch

v. to send someone or something somewhere for a particular purpose; to send a message or piece of information

synonym : send, release, kill

(1) **dispatch** soldiers, (2) **dispatch** a letter

The ambulance was **dispatched** to the scene of the accident.

contemporary

adj. belonging to the same or present time

synonym : modern, stylish, coetaneous

(1) field of **contemporary** art, (2) **contemporary** leaders

Contemporary music has gained different followers from existing music.

increasingly

adv. more and more

synonym : more and more, progressively

(1) **increasingly** become common, (2) face **increasingly** complicated challenges

Our company found it **increasingly** difficult to keep up with

the competition.

permaculture

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

synonym: sustainable agriculture, natural farming

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

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

shellfish

n. water creatures that live in shells, especially one of the types that can be eaten

synonym: clam, mollusk

(1) **shellfish** allergy, (2) edible **shellfish**

Shellfish can cause allergic reactions in certain people.

seawater

n. water from the sea or ocean, typically containing salt and various other dissolved minerals

synonym: saltwater, brine, ocean water

(1) **seawater** pollution, (2) **seawater** bacteria

The desalination plant turned **seawater** into drinking water through a complex process.

acid

n. sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

synonym: sour

(1) an **acid** reaction, (2) good source of essential amino **acids**

During pregnancy, the stomach generates less **acid** than usual.

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**.

marine

adj. relating to the sea and the creatures and plants that live there

synonym: sea-dwelling, maritime, aquatic

(1) **marine** insurance, (2) variety of **marine** life

Seals and whales are **marine** animals beloved by the people.

protein

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

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

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

potent

adj. having great power, influence, or effect; highly effective or influential; having the ability to cause change or produce a particular result

synonym: powerful, effective, influential

(1) **potent** anesthetic, (2) **potent** smell

The medicine has **potent** effects on reducing inflammation.

acidify

v. to make something acidic or to become more acidic; to add acid to a substance to make it more acidic

synonym: acidulate, sour, acetify

(1) **acidify** soil, (2) **acidify** the ocean

Agricultural runoff can **acidify** nearby water sources and harm aquatic life.

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**.

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.

convinced

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

synonym: confident, positive, indoctrinated

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

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

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.

deprive

v. to take away something from someone

synonym: deny, take away, divest

(1) **deprive** others of profit, (2) **deprive** him of his status

He was **deprived** of his freedom when sentenced to life in prison.

unrest

n. a state of agitation or disturbance; lack of calm or peace

synonym: disturbance, agitation, turmoil

(1) **unrest** in the city, (2) cause **unrest**

The recent political **unrest** in the country has led to widespread protests and civil disobedience.

asset

n. something or someone that is useful or valuable quality, skill, etc.; valuable property

synonym: aid, resource, equity

(1) frozen **assets**, (2) liquid **assets** of the company

A sense of humor is an invaluable **asset** in this job.

economical

adj. providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary

synonym: frugal, thrifty, parsimonious

(1) **economical** use of her time, (2) an **economical** meal

It is more **economical** to wash your plastic bottle and reuse it.

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.

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.

argument

n. a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute

synonym: debate, discourse, discussion

(1) a blazing **argument**, (2) the **argument** against capital punishment

The **argument** between the two sides over the proposed policy was heated.

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.

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.

canvas

n. the heavy, closely woven fabric used for making tents, sails, etc. and by artists for painting on

(1) blank **canvas**, (2) oil on **canvas**

Life is a vast **canvas**; you should put as much paint on it as possible.

biplane

n. a type of airplane that has two pairs of wings, one above the other, and usually a cockpit between them

(1) two-seater **biplane**, (2) vintage **biplane**

The **biplane's** open cockpit allowed a thrilling and unobstructed view of the surrounding scenery.

jet

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

synonym : plane, aircraft, flier

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

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

aircraft

n. any vehicle that can fly and carry things or passengers, such as a plane or helicopter

synonym : airplane, plane, airliner

(1) an **aircraft** landing, (2) **aircraft** control system

The marine **aircraft** manufacturer demonstrated their newest

hydroplane.

transport

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

synonym: shipment, transit, conveyance

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

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

motor

n. a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work

synonym: actuator, engine, machine

(1) a **motor** mechanic, (2) DC **motor** control

Energy-efficient **motors** are needed to maximize the cruising distance of electric vehicles.

powder

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

synonym: dust, crumb, grain

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

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

nuclear

adj. of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

synonym: atomic

(1) **nuclear** fusion, (2) use of **nuclear** power

Many countries have now agreed to a treaty banning the use of **nuclear** weapons.

engineer

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

synonym: architect, creator, builder

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

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

structure

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

of many parts

synonym: construction, architecture, establishment

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

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

financier

n. a person or organization that deals with or manages large sums of money, particularly for investment or financial trading purposes

synonym: banker, investor, capitalist

(1) **financier** scandals, (2) powerful **financier**

The wealthy **financier** made a generous donation to the charity.

government

n. the group of people with authority to control a country or state

synonym: administration, regime, state

(1) **government** bureaucracy, (2) **government** funding

The federal **government** is planning to increase taxes for the next fiscal year.

regulator

n. a person or thing that controls or balances something; a person or an organization that is responsible for control and supervision of a particular activity or area of public interest

synonym: controller, supervisor, monitor

(1) **regulator** body, (2) a speed **regulator**

The financial industry **regulator** was responsible for ensuring that companies followed the laws.

chart

n. a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea

synonym: diagram, graph, map

(1) a weather **chart**, (2) a statistical **chart**

This pie **chart** represents our market share.

inshore

adj. pertaining to the area close to shore or the coastline;
located closer to the shore than to deeper waters

synonym : nearshore, coastal, littoral

(1) **inshore** boat, (2) **inshore** waters

Inshore fishing is popular for catching smaller fish in shallow water.

bet

v. to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something

synonym : stake, wager, gamble

(1) **bet** on a race, (2) **bet** my future

I **bet** that you know it.

hero

n. a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities

synonym : champion, protagonist, savior

(1) local **hero**, (2) unsung **hero**

The soldier who sacrificed his life for his country is considered a national **hero**.

Session 2: Spelling

1. an____t stories *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
2. a fo____ry school *n.* the science, art, and practice of managing forests, including planting, cultivating, and caring for trees and conserving and developing natural forests
3. sustainable fo____ry *n.* the science, art, and practice of managing forests, including planting, cultivating, and caring for trees and conserving and developing natural forests
4. de____t basin *n.* arid land with little or no vegetation often covered with sand or rocks
5. nu____nt medicine *n.* any substance that is essential for the maintenance and growth of living things
6. co____ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole
7. di____ch soldiers *v.* to send someone or something somewhere for a particular purpose; to send a message or piece of information
8. en____e value *v.* to increase or improve the quality, amount, or strength of someone or something
9. ca____te the distance *v.* to judge or find out the amount or number of something by using mathematics

ANSWERS: 1. ancient, 2. forestry, 3. forestry, 4. desert, 5. nutrient, 6. construct, 7. dispatch, 8. enhance, 9. calculate

10. a fa_____ic dress *adj.* extremely good; excellent
11. combined ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element
12. cellular signaling pa_____ys *n.* a track that constitutes or serves as a path; an approach or a way of doing something
13. a nu_____nt for hair *n.* any substance that is essential for the maintenance and growth of living things
14. 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
15. ec_____y class *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
16. field of con_____ary art *adj.* belonging to the same or present time
17. ir_____te fields *v.* to supply water to land to help plants grow
18. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
19. 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: 10. fantastic, 11. oxide, 12. pathway, 13. nutrient, 14. biodiversity, 15. economy, 16. contemporary, 17. irrigate, 18. environment, 19. develop

20. un___t in the city *n.* a state of agitation or disturbance; lack of calm or peace
21. hu___e opinion *adj.* having or showing a modest or low estimate of one's quality or importance
22. per_____ure garden *n.* a system of agricultural and ecological design that aims to create sustainable, self-sufficient ecosystems by working with natural processes and relying on renewable resources
23. pos_____ty for growth *n.* a chance that something may happen or be true
24. liquid as__ts of the company *n.* something or someone that is useful or valuable quality, skill, etc.; valuable property
25. pre-mo___n agricultural society *adj.* of or belonging to the present time or recent times
26. ut_____e a catheter *v.* to use something for a practical purpose in an effective way
27. dr__t away on a raft *v.* to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction
28. ba___e his plan *v.* to bewilder or perplex someone completely and to be unable to understand or explain something
29. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
30. begin to r_t *v.* to decay, or cause something to decay, naturally and gradually

ANSWERS: 20. unrest, 21. humble, 22. permaculture, 23. possibility, 24. asset, 25. modern, 26. utilize, 27. drift, 28. baffle, 29. evolve, 30. rot

31. de__h camera *n.* the distance between the top and bottom of something; between the top surface and a distance below it
32. su_____e beforehand *v.* to think that something is likely to be actual or possible
33. ec_____cs professor *n.* the branch of social science that deals with the production, consumption, and transfer of goods and services
34. fac_____te the process *v.* to make something easier or more likely to happen
35. 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
36. se_____er myself from the world *v.* to take temporary possession of someone's property until a debt is paid.
37. 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
38. consumer ad_____cy group *n.* the act of supporting or promoting a particular cause or point of view, often through public campaigning or lobbying
39. bi_____l production *n.* a fuel produced from organic matter, such as crops or waste material, that can be used to replace or supplement traditional fossil fuels

ANSWERS: 31. depth, 32. suppose, 33. economics, 34. facilitate, 35. economy, 36. sequester, 37. planet, 38. advocacy, 39. biofuel

40. 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
41. gov_____nt bureaucracy *n.* the group of people with authority to control a country or state
42. an of_____re fund *adj.* situated at or happening in the sea, not far from the shore or land; (of winds) coming from the land
43. c__p herbicide *n.* a plant that is cultivated in large amounts, particularly for food
44. effects of cl_____e change *n.* the weather in a particular location averaged over some long period
45. fi_____er scandals *n.* a person or organization that deals with or manages large sums of money, particularly for investment or financial trading purposes
46. re_____e CO2 into the air *v.* to set free or allow to escape from confinement
47. co_____ed criminal *adj.* completely certain about something; having a strong belief or conviction in a particular religion
48. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward
49. the tr__k of the tree *n.* the main stem or body of a tree which its branches grow
50. of___t a loss *v.* to compensate for or counterbalance one influence against an opposing influence

ANSWERS: 40. submarine, 41. government, 42. offshore, 43. crop, 44. climate, 45. financier, 46. release, 47. convinced, 48. progression, 49. trunk, 50. offset

51. dis_____te wealth evenly *v.* to give something to a large number of individuals, or to spread or furnish something
52. fac_____te a smooth transition *v.* to make something easier or more likely to happen
53. b_t on a race *v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something
54. the con_____ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual
55. half a gi_____n of CO2 *n.* a unit of explosive energy equal to one billion tons of TNT (= a powerful, yellow explosive substance); one billion tons
56. th_____y improving overall health *adv.* as a result; consequence of a particular action or set of conditions
57. pa_____y to understanding *n.* a track that constitutes or serves as a path; an approach or a way of doing something
58. 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
59. no do__t about the news *n.* a feeling of being uncertain about something, especially about how good or accurate it is
60. bi_____r soil amendment *n.* a material produced by heating organic matter under low-oxygen conditions often used as a fertilizer or soil amendment

ANSWERS: 51. distribute, 52. facilitate, 53. bet, 54. consequence, 55. gigaton, 56. thereby, 57. pathway, 58. greenhouse, 59. doubt, 60. biochar

61. 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
62. floating se_____d *n.* a plant that grows in the sea or on land very close to the sea, especially marine algae
63. the ab__s of time *n.* a deep, dark, or seemingly bottomless chasm or void
64. cause unb_____ble damage *adj.* beyond belief or understanding and extremely surprising
65. ba___e outside noises *v.* to bewilder or perplex someone completely and to be unable to understand or explain something
66. his research area of
con_____ion *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
67. se_____er ten percent of the
annual carbon emissions *v.* to take temporary possession of someone's property until a debt is paid.
68. gov_____nt funding *n.* the group of people with authority to control a country or state
69. unintended con_____ces *n.* the outcome of a particular action or event, especially relative to an individual
70. major pha_____cal companies *adj.* relating to the production and selling of the medical drugs
71. ad_____e circumstances *adj.* unfavorable or harmful
72. ind_____us student *adj.* hardworking, diligent, and persistent in effort

ANSWERS: 61. diversity, 62. seaweed, 63. abyss, 64. unbelievable, 65. baffle, 66. concentration, 67. sequester, 68. government, 69. consequence, 70. pharmaceutical, 71. adverse, 72. industrious

73. p__p blood throughout the body *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
74. historical no__l *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
75. st__k up the place *v.* to emit a strong, unpleasant odor; to have a strong offensive smell; to be corrupt or unethical
76. om____s sign *adj.* giving the impression that something bad is going to happen; foreboding
77. an a__d reaction *n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
78. process of pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
79. ref_____ion policy *n.* the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters
80. cause un__t *n.* a state of agitation or disturbance; lack of calm or peace
81. 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

ANSWERS: 73. pump, 74. novel, 75. stink, 76. ominous, 77. acid, 78. photosynthesis, 79. reforestation, 80. unrest, 81. branch

82. a speed re_____or
n. a person or thing that controls or balances something; a person or an organization that is responsible for control and supervision of a particular activity or area of public interest
83. a civil en_____er
n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
84. ac_____y the ocean
v. to make something acidic or to become more acidic; to add acid to a substance to make it more acidic
85. in____t capital
v. to put money, effort, time, etc. into something to make a profit or achieve a result
86. b__k at the moon
n. the hard outer layer of a tree; a sound made by dogs or some other animals
87. bi_____l technology
n. a fuel produced from organic matter, such as crops or waste material, that can be used to replace or supplement traditional fossil fuels
88. mil_____um bottle of wine
n. a span of 1000 years, or the 1000th anniversary (plural: millennia)
89. amb_____or for football
n. a diplomatic representative of a country who is sent to another country or international organization
90. pr_____t a financial crisis
v. to act in advance to prevent something or to replace it with something else
91. sle_____ess disorder
n. the condition of being unable to sleep or having difficulty sleeping

ANSWERS: 82. regulator, 83. engineer, 84. acidify, 85. invest, 86. bark, 87. biofuel, 88. millennium, 89. ambassador, 90. preempt, 91. sleeplessness

92. ir____te the flowers and plants *v.* to supply water to land to help plants grow
93. welfare ec_____cs *n.* the branch of social science that deals with the production, consumption, and transfer of goods and services
94. 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
95. de_____e others of profit *v.* to take away something from someone
96. 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
97. el_____nt writing *adj.* able to speak or write clearly and impressively
98. sus_____le alternative fuel *adj.* able to continue or be continued for a long time
99. ad_____e reaction *adj.* unfavorable or harmful
100. principles of sus_____le development *adj.* able to continue or be continued for a long time
101. 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
102. variety of ma___e life *adj.* relating to the sea and the creatures and plants that live there

ANSWERS: 92. irrigate, 93. economics, 94. branch, 95. deprive, 96. offshore, 97. eloquent, 98. sustainable, 99. adverse, 100. sustainable, 101. rack, 102. marine

103. per_____ure principles *n.* a system of agricultural and ecological design that aims to create sustainable, self-sufficient ecosystems by working with natural processes and relying on renewable resources
104. 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
105. a w_e bit *adj.* very small or tiny; referring to a short amount of time
106. dr__t down the stream *v.* to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction
107. mo____n poetry *adj.* of or belonging to the present time or recent times
108. the rem_____le breadth of knowledge *adj.* worthy of attention because unusual or special
109. c__r a wall *v.* to burn or scorch the surface of something with fire or heat, often intentionally; to cook or prepare food over an open flame; to blacken or discolor due to excessive heat or burning; (noun) a charred piece of wood or other material; (noun, of a computer) a character or symbol in a text or string of characters in computer programming
110. complete a pr_____pe product *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed

ANSWERS: 103. permaculture, 104. planet, 105. wee, 106. drift, 107. modern, 108. remarkable, 109. char, 110. prototype

111. su____e you're right *v.* to think that something is likely to be actual or possible
112. di____ch a letter *v.* to send someone or something somewhere for a particular purpose; to send a message or piece of information
113. 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
114. a pro_____ic situation *adj.* full of difficulties; difficult to deal with or solve
115. unsung h__o *n.* a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities
116. ai____ft control system *n.* any vehicle that can fly and carry things or passengers, such as a plane or helicopter
117. dynamically sc_____le *adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands
118. pe____t application *v.* to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization
119. v__t majority *adj.* enormous in size, number, amount, or quantity
120. de__y the new project *v.* to cause something to happen at a later time than originally intended or expected

ANSWERS: 111. suppose, 112. dispatch, 113. atmosphere, 114. problematic, 115. hero, 116. aircraft, 117. scalable, 118. permit, 119. vast, 120. delay

121. rem_____le achievement *adj.* worthy of attention because unusual or special
122. inc_____gly become common *adv.* more and more
123. the st_____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
124. con_____ion of armaments *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
125. powerful fi_____er *n.* a person or organization that deals with or manages large sums of money, particularly for investment or financial trading purposes
126. co_____ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole
127. re_____te our conduct *v.* to control something, especially by means of rules or laws
128. atm_____ic pressure *adj.* about or located in the earth's atmosphere
129. local h__o *n.* a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities
130. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

ANSWERS: 121. remarkable, 122. increasingly, 123. structure, 124. concentration, 125. financier, 126. construct, 127. regulate, 128. atmospheric, 129. hero, 130. engineer

131. high vo___e *n.* the amount of space occupied by an object or substance; the magnitude of sound
132. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
133. evolutionary bi____y *n.* the scientific study of life and the natural processes of living things
134. an el_____nt speaker *adj.* able to speak or write clearly and impressively
135. pr_____n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
136. pr_____t trouble *v.* to act in advance to prevent something or to replace it with something else
137. the height of a p___e *n.* a collection of objects positioned one on top of another; a large sum of something, such as money
138. the ar_____nt against capital punishment *n.* a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute
139. in_____e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else
140. 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

ANSWERS: 131. volume, 132. evolve, 133. biology, 134. eloquent, 135. protein, 136. preempt, 137. pile, 138. argument, 139. involve, 140. cast

141. cir_____on of money *n.* the movement of blood through the body or of a fluid through a system; the number of copies of a newspaper or magazine that are sold
142. gi_____n-class bomb *n.* a unit of explosive energy equal to one billion tons of TNT (= a powerful, yellow explosive substance); one billion tons
143. cr____s management *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
144. a cold cl_____e *n.* the weather in a particular location averaged over some long period
145. unb_____ble beauty *adj.* beyond belief or understanding and extremely surprising
146. 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
147. public ann_____ent *n.* a public statement or declaration, often made in writing or through the media, that conveys important information or news
148. con_____ary leaders *adj.* belonging to the same or present time
149. edible sh_____sh *n.* water creatures that live in shells, especially one of the types that can be eaten
150. en_____e the flavor of the vanilla *v.* to increase or improve the quality, amount, or strength of someone or something

ANSWERS: 141. circulation, 142. gigaton, 143. crisis, 144. climate, 145. unbelievable, 146. diversity, 147. announcement, 148. contemporary, 149. shellfish, 150. enhance

151. career tra_____ry *n.* the curved path followed by an object moving through space
152. private j_t *n.* a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances
153. 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
154. vo___e of work *n.* the amount of space occupied by an object or substance; the magnitude of sound
155. ann_____ent date *n.* a public statement or declaration, often made in writing or through the media, that conveys important information or news
156. mul_____lar life *adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
157. 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
158. absolutely fa_____ic event *adj.* extremely good; excellent
159. tr_____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
160. ca_____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape

ANSWERS: 151. trajectory, 152. jet, 153. cast, 154. volume, 155. announcement, 156. multicellular, 157. submarine, 158. fantastic, 159. transport, 160. capture

161. sk_____al scientists *adj.* doubting that something is accurate or useful
162. eco_____al use of her time *adj.* providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary
163. the tr__k of the body *n.* the main stem or body of a tree which its branches grow
164. 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
165. a gr__h sample *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
166. con_____te a large sum of money to the fund *v.* to give something, especially money or goods, to provide or achieve something together with other people
167. a ge_____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
168. a sand p__e *n.* a collection of objects positioned one on top of another; a large sum of something, such as money
169. oxygenic pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
170. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes

ANSWERS: 161. skeptical, 162. economical, 163. trunk, 164. depth, 165. graph, 166. contribute, 167. genetic, 168. pile, 169. photosynthesis, 170. genetic

171. se_____er bacteria *n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
172. a statistical ch__t *n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea
173. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
174. no__l effect *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
175. p__p a secret out of success *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
176. 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
177. ut_____e a different approach *v.* to use something for a practical purpose in an effective way
178. de_____e him of his status *v.* to take away something from someone
179. access to public tr_____rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on

ANSWERS: 171. seawater, 172. chart, 173. industrious, 174. novel, 175. pump, 176. process, 177. utilize, 178. deprive, 179. transport

180. fl__d advisory *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
181. early pr_____pe *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
182. st__k badly *v.* to emit a strong, unpleasant odor; to have a strong offensive smell; to be corrupt or unethical
183. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
184. ca___n of skyscrapers *n.* a large deep valley with very steep sides of rock and usually formed by a river
185. ca_____te his credit score *v.* to judge or find out the amount or number of something by using mathematics
186. curry po___r *n.* a dry and fine substance that consists of very small, loose particles
187. work pe___t *v.* to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization
188. re_____le subscriptions *adj.* capable of being renewed, extended, or replaced
189. c__r layer *v.* to burn or scorch the surface of something with fire or heat, often intentionally; to cook or prepare food over an open flame; to blacken or discolor due to excessive heat or burning; (noun) a charred piece of wood or other material; (noun, of a computer) a character or symbol in a text or string of characters in computer programming

ANSWERS: 180. flood, 181. prototype, 182. stink, 183. progression, 184. canyon, 185. calculate, 186. powder, 187. permit, 188. renewable, 189. char

190. toxic ch____als *adj.* relating to or connected with chemistry;
191. nu____r fusion *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
192. in__t ingredients *adj.* lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive
193. se____d broth *n.* a plant that grows in the sea or on land very close to the sea, especially marine algae
194. surgical int______ion *n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so
195. two-ph__e structure *n.* any stage in a series of events, change, or development
196. face inc______gly complicated challenges *adv.* more and more
197. ad____cy group *n.* the act of supporting or promoting a particular cause or point of view, often through public campaigning or lobbying
198. low pro____ve capacity *adj.* resulting in or making a lot or a significant amount of something, especially something of value
199. investment dr____wn *n.* the reduction or depletion of a resource, such as water, as a result of extraction or use; the act of withdrawing funds from an account or asset, typically associated with investment or borrowing

ANSWERS: 190. chemical, 191. nuclear, 192. inert, 193. seaweed, 194. intervention, 195. phase, 196. increasingly, 197. advocacy, 198. productive, 199. drawdown

200. a ch____al compound	<i>adj.</i> relating to or connected with chemistry;
201. env_____nt affairs	<i>n.</i> the natural world such as air, water, and land in which humans, animals, and plants live
202. frozen as__ts	<i>n.</i> something or someone that is useful or valuable quality, skill, etc.; valuable property
203. the degree of dif_____ty	<i>n.</i> a condition or state that causes problems
204. beat sle_____ess	<i>n.</i> the condition of being unable to sleep or having difficulty sleeping
205. doubling of atm_____ic carbon dioxide	<i>adj.</i> about or located in the earth's atmosphere
206. ra__r scanning	<i>n.</i> a technology that employs radio waves to locate items that cannot be seen
207. re_____te blood sugar levels	<i>v.</i> to control something, especially by means of rules or laws
208. a fl__d of questions	<i>n.</i> a large amount of water flowing beyond its normal limits; an overwhelming number or amount
209. co_____ed of the idea	<i>adj.</i> completely certain about something; having a strong belief or conviction in a particular religion
210. ca___n dioxide	<i>n.</i> a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
211. a tra_____ry missile	<i>n.</i> the curved path followed by an object moving through space

ANSWERS: 200. chemical, 201. environment, 202. asset, 203. difficulty, 204. sleeplessness, 205. atmospheric, 206. radar, 207. regulate, 208. flood, 209. convinced, 210. carbon, 211. trajectory

212. global em_____ons of greenhouse gases *n.* the act of production or sending out gas, heat, light, etc.
213. 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
214. dispel do__ts *n.* a feeling of being uncertain about something, especially about how good or accurate it is
215. number of b_g fixes *n.* any tiny insect; a fault or defect in a computer program, system, or machine
216. ma___e insurance *adj.* relating to the sea and the creatures and plants that live there
217. sh_____sh allergy *n.* water creatures that live in shells, especially one of the types that can be eaten
218. d__e into anime communities *v.* to jump into the water with your head and arms going in first, or to move down to a deeper level underwater
219. dr_____wn period *n.* the reduction or depletion of a resource, such as water, as a result of extraction or use; the act of withdrawing funds from an account or asset, typically associated with investment or borrowing
220. blank ca___s *n.* the heavy, closely woven fabric used for making tents, sails, etc. and by artists for painting on
221. 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

ANSWERS: 212. emission, 213. atmosphere, 214. doubt, 215. bug, 216. marine, 217. shellfish, 218. dive, 219. drawdown, 220. canvas, 221. rack

222. a mo__r mechanic *n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
223. in____e waters *adj.* pertaining to the area close to shore or the coastline; located closer to the shore than to deeper waters
224. b_t my future *v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something
225. po___t smell *adj.* having great power, influence, or effect; highly effective or influential; having the ability to cause change or produce a particular result
226. vitamin and mi____ls *n.* a solid inorganic substance occurring in nature having a definite chemical composition
227. r_t with age *v.* to decay, or cause something to decay, naturally and gradually
228. d__e off a cliff *v.* to jump into the water with your head and arms going in first, or to move down to a deeper level underwater
229. int_____ion by foreign powers *n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so
230. fo_____e the consequences *v.* to perceive or predict; to anticipate or expect something to happen in the future
231. an ai____ft landing *n.* any vehicle that can fly and carry things or passengers, such as a plane or helicopter

ANSWERS: 222. motor, 223. inshore, 224. bet, 225. potent, 226. mineral, 227. rot, 228. dive, 229. intervention, 230. foresee, 231. aircraft

232. stress pr_____n *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
233. re_____or body *n.* a person or thing that controls or balances something; a person or an organization that is responsible for control and supervision of a particular activity or area of public interest
234. 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
235. past mil_____um *n.* a span of 1000 years, or the 1000th anniversary (plural: millennia)
236. mul_____lar tissues *adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
237. enter on the last ph__e *n.* any stage in a series of events, change, or development
238. bi_____r carbon *n.* a material produced by heating organic matter under low-oxygen conditions often used as a fertilizer or soil amendment
239. seems to be highly pro_____ic *adj.* full of difficulties; difficult to deal with or solve
240. pro_____ve meeting *adj.* resulting in or making a lot or a significant amount of something, especially something of value

ANSWERS: 232. protein, 233. regulator, 234. biodiversity, 235. millennium, 236. multicellular, 237. phase, 238. biochar, 239. problematic, 240. productive

241. oil on ca___s *n.* the heavy, closely woven fabric used for making tents, sails, etc. and by artists for painting on
242. an om____s silence *adj.* giving the impression that something bad is going to happen; foreboding
243. use of nu____r power *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
244. po___r additive *n.* a dry and fine substance that consists of very small, loose particles
245. two-seater bi____e *n.* a type of airplane that has two pairs of wings, one above the other, and usually a cockpit between them
246. 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
247. cell and molecular bi____y *n.* the scientific study of life and the natural processes of living things
248. po___t anesthetic *adj.* having great power, influence, or effect; highly effective or influential; having the ability to cause change or produce a particular result
249. man____re an enzyme *v.* to make goods in large numbers, usually in a factory using machines
250. pre-Christian an____t *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

ANSWERS: 241. canvas, 242. ominous, 243. nuclear, 244. powder, 245. biplane, 246. develop, 247. biology, 248. potent, 249. manufacture, 250. ancient

251. oasis in the de___t *n.* arid land with little or no vegetation often covered with sand or rocks
252. send an amb_____or abroad *n.* a diplomatic representative of a country who is sent to another country or international organization
253. in___t in stocks *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
254. financial cr___s *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
255. con_____te to society *v.* to give something, especially money or goods, to provide or achieve something together with other people
256. w_e child *adj.* very small or tiny; referring to a short amount of time
257. twisty ca___n road *n.* a large deep valley with very steep sides of rock and usually formed by a river
258. fo_____e challenges *v.* to perceive or predict; to anticipate or expect something to happen in the future
259. dif_____ty in breathing *n.* a condition or state that causes problems
260. a weather ch__t *n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea

ANSWERS: 251. desert, 252. ambassador, 253. invest, 254. crisis, 255. contribute, 256. wee, 257. canyon, 258. foresee, 259. difficulty, 260. chart

261. b_g bites	<i>n.</i>	any tiny insect; a fault or defect in a computer program, system, or machine
262. re_____e a prisoner	<i>v.</i>	to set free or allow to escape from confinement
263. man_____re a product	<i>v.</i>	to make goods in large numbers, usually in a factory using machines
264. a blazing ar_____nt	<i>n.</i>	a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute
265. ca____n emission	<i>n.</i>	a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
266. commercial pha_____cal products	<i>adj.</i>	relating to the production and selling of the medical drugs
267. DC mo__r control	<i>n.</i>	a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
268. pos_____ty of a major earthquake	<i>n.</i>	a chance that something may happen or be true
269. de__y a flight three hours	<i>v.</i>	to cause something to happen at a later time than originally intended or expected
270. of__t deposits and withdrawals	<i>v.</i>	to compensate for or counterbalance one influence against an opposing influence
271. ca_____e a glimpse	<i>v.</i>	to catch a person or an animal and confine them in an area which they cannot escape

ANSWERS: 261. bug, 262. release, 263. manufacture, 264. argument, 265. carbon, 266. pharmaceutical, 267. motor, 268. possibility, 269. delay, 270. offset, 271. capture

272. equ_____nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
273. emissions of gre_____se gases *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
274. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
275. a hu___e cottage *adj.* having or showing a modest or low estimate of one's quality or importance
276. ref_____ion project *n.* the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters
277. gr__h theory *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
278. in_____e boat *adj.* pertaining to the area close to shore or the coastline; located closer to the shore than to deeper waters
279. sc_____le solution *adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands
280. in_____e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
281. th_____y-obtained data *adv.* as a result; consequence of a particular action or set of conditions

ANSWERS: 272. equivalent, 273. greenhouse, 274. structure, 275. humble, 276. reforestation, 277. graph, 278. inshore, 279. scalable, 280. involve, 281. thereby

282. dis_____te video content *v.* to give something to a large number of individuals, or to spread or furnish something
283. mi_____l rights *n.* a solid inorganic substance occurring in nature having a definite chemical composition
284. re_____le energy *adj.* capable of being renewed, extended, or replaced
285. v__t desert *adj.* enormous in size, number, amount, or quantity
286. vintage bi_____e *n.* a type of airplane that has two pairs of wings, one above the other, and usually a cockpit between them
287. trees with rough b__k *n.* the hard outer layer of a tree; a sound made by dogs or some other animals
288. an eco_____al meal *adj.* providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary
289. good source of essential amino
a__ds *n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
290. the em_____on of light *n.* the act of production or sending out gas, heat, light, etc.
291. c__p field *n.* a plant that is cultivated in large amounts, particularly for food
292. in__t gases *adj.* lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive

ANSWERS: 282. distribute, 283. mineral, 284. renewable, 285. vast, 286. biplane, 287. bark, 288. economical, 289. acid, 290. emission, 291. crop, 292. inert

293. an ab__s of hopelessness *n.* a deep, dark, or seemingly bottomless chasm or void
294. ac____y soil *v.* to make something acidic or to become more acidic; to add acid to a substance to make it more acidic
295. lymphatic cir_____on *n.* the movement of blood through the body or of a fluid through a system; the number of copies of a newspaper or magazine that are sold
296. a sk_____al attitude *adj.* doubting that something is accurate or useful
297. ra__r air traffic control *n.* a technology that employs radio waves to locate items that cannot be seen
298. equ_____nt amounts *n.* having the same value, quality, meaning, purpose, etc.
299. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
300. commercial j_t *n.* a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances
301. silver ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element

ANSWERS: 293. abyss, 294. acidify, 295. circulation, 296. skeptical, 297. radar, 298. equivalent, 299. process, 300. jet, 301. oxide

302. se_____er pollution

n. water from the sea or ocean, typically containing salt and various other dissolved minerals

ANSWERS: 302. seawater

Session 3: Fill in the Blanks

1. 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

2. Strong growth in core business _____ losses in other business segments.
 - v. to compensate for or counterbalance one influence against an opposing influence

3. _____ can cause allergic reactions in certain people.
 - n. water creatures that live in shells, especially one of the types that can be eaten

4. Government workers cannot _____ to political campaigns.
 - v. to give something, especially money or goods, to provide or achieve something together with other people

5. Enhanced rail _____ is crucial for our business.
 - n. a system for moving people or products from one location to another using automobiles, roads, and so on

6. The airplane was powered by a _____ made from plant-based materials.
 - n. a fuel produced from organic matter, such as crops or waste material, that can be used to replace or supplement traditional fossil fuels

7. He approved their requests to _____ the jury.
 - v. to take temporary possession of someone's property until a debt is paid.

8. The sperm whale can _____ to 1,000 meters.
 - v. to jump into the water with your head and arms going in first, or to move down to a deeper level underwater

ANSWERS: 1. cast, 2. offsets, 3. Shellfish, 4. contribute, 5. transportation, 6. biofuel, 7. sequester, 8. dive

9. She gave money to help set up a _____ laboratory.
adj. relating to the production and selling of the medical drugs
10. This container has a _____ of 10 cubic meters.
n. the amount of space occupied by an object or substance; the magnitude of sound
11. _____ production can be a way to manage organic waste while also generating renewable energy.
n. a material produced by heating organic matter under low-oxygen conditions often used as a fertilizer or soil amendment
12. Seals and whales are _____ animals beloved by the people.
adj. relating to the sea and the creatures and plants that live there
13. 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
14. 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
15. _____ fishing is popular for catching smaller fish in shallow water.
adj. pertaining to the area close to shore or the coastline; located closer to the shore than to deeper waters
16. His estate was _____ to his sons.
v. to give something to a large number of individuals, or to spread or furnish something

ANSWERS: 9. pharmaceutical, 10. volume, 11. Biochar, 12. marine, 13. diversity, 14. atmosphere, 15. Inshore, 16. distributed

17. The deep sea is an _____ of mystery and discovery.
n. a deep, dark, or seemingly bottomless chasm or void
18. The ____ flew over the ocean at high speed, reaching its destination in hours.
n. a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances
19. Our company found it _____ difficult to keep up with the competition.
adv. more and more
20. He removed the _____ from the tree.
n. the hard outer layer of a tree; a sound made by dogs or some other animals
21. 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
22. The investigation _____ several government agencies and is expected to take several months.
v. to include or affect someone or something as a necessary part of something else
23. The _____ of getting the disease will drastically increase.
n. a chance that something may happen or be true
24. I ____ that you know it.
v. to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something

ANSWERS: 17. abyss, 18. jet, 19. increasingly, 20. bark, 21. invest, 22. involves, 23. possibility, 24. bet

25. He has _____ exercising because of a back injury sustained in an accident.
- n.* a condition or state that causes problems
26. 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
27. 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
28. Energy-efficient _____ are needed to maximize the cruising distance of electric vehicles.
- n.* a device that converts electricity, fuel, etc. into movement and makes a machine, vehicle, etc. work
29. Eyeless fish _____ in dark caves.
- v.* to develop gradually, or to cause the development of something or someone gradually
30. This region is predominantly _____.
- n.* arid land with little or no vegetation often covered with sand or rocks
31. The animal rights group worked to _____ the dolphins back into the wild.
- v.* to set free or allow to escape from confinement
32. The recent political _____ in the country has led to widespread protests and civil disobedience.
- n.* a state of agitation or disturbance; lack of calm or peace

ANSWERS: 25. difficulty, 26. depth, 27. carbon, 28. motors, 29. evolved, 30. desert, 31. release, 32. unrest

33. 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
34. After the party, they had to clean up _____ of dirty dishes.
- n.* a collection of objects positioned one on top of another; a large sum of something, such as money
35. Agricultural runoff can _____ nearby water sources and harm aquatic life.
- v.* to make something acidic or to become more acidic; to add acid to a substance to make it more acidic
36. He tried various treatments for his _____ but nothing seemed to work.
- n.* the condition of being unable to sleep or having difficulty sleeping
37. _____ systems cannot spot the submarine.
- n.* a technology that employs radio waves to locate items that cannot be seen
38. 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
39. She used a _____ brush to apply her foundation evenly.
- n.* a dry and fine substance that consists of very small, loose particles
40. In junior high school, we had to dissect a frog in _____ class.
- n.* the scientific study of life and the natural processes of living things

ANSWERS: 33. planet, 34. piles, 35. acidify, 36. sleeplessness, 37. Radar, 38. develop, 39. powder, 40. biology

41. The blood's red coloring comes from iron _____.
- n.* a chemical compound that contains at least one oxygen atom and one other element
42. _____ music has gained different followers from existing music.
- adj.* belonging to the same or present time
43. The group engages in _____ through lobbying and campaigning for policy changes.
- n.* the act of supporting or promoting a particular cause or point of view, often through public campaigning or lobbying
44. The _____ of the magazine has been steadily declining.
- n.* the movement of blood through the body or of a fluid through a system; the number of copies of a newspaper or magazine that are sold
45. What do you _____ the culprit's motive was?
- v.* to think that something is likely to be actual or possible
46. The new amusement park ride was _____ with twists, turns, and drops that left riders screaming with excitement.
- adj.* extremely good; excellent
47. The teacher will not _____ any students to leave the classroom early.
- v.* to allow for something to happen or be done; (noun) the act of giving a formal, usually written, authorization
48. The era of the industrial revolution was a crucial _____ of history.
- n.* any stage in a series of events, change, or development

ANSWERS: 41. oxide, 42. Contemporary, 43. advocacy, 44. circulation, 45. suppose, 46. fantastic, 47. permit, 48. phase

49. The garbage in the alley began to _____ after a few hot days.
- v.* to emit a strong, unpleasant odor; to have a strong offensive smell; to be corrupt or unethical
50. A sense of humor is an invaluable _____ in this job.
- n.* something or someone that is useful or valuable quality, skill, etc.; valuable property
51. This _____ does not require the patient's consent.
- n.* the action or process of being done to improve or help a circumstance, often they have not been asked to do so
52. The medicine has _____ effects on reducing inflammation.
- adj.* having great power, influence, or effect; highly effective or influential; having the ability to cause change or produce a particular result
53. The desalination plant turned _____ into drinking water through a complex process.
- n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
54. We _____ the payment because of an incorrect invoice.
- v.* to cause something to happen at a later time than originally intended or expected
55. The company implemented a new software system to _____ employee communication and collaboration.
- v.* to make something easier or more likely to happen
56. The _____ clouds in the sky foretold of an approaching storm.
- adj.* giving the impression that something bad is going to happen; foreboding

ANSWERS: 49. stink, 50. asset, 51. intervention, 52. potent, 53. seawater, 54. delayed, 55. facilitate, 56. ominous

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

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

58. The _____ of peace met with government officials to discuss bilateral relations.

n. a diplomatic representative of a country who is sent to another country or international organization

59. A _____ audience viewed the broadcast.

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

60. Direct democracy is effective in quickly resolving _____ situations within a community.

adj. full of difficulties; difficult to deal with or solve

61. _____ is the start, not the end, of intelligence.

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

62. The water shortage in the region has made it difficult for farmers to _____ their crops.

v. to supply water to land to help plants grow

63. The election was a _____ success for the Whigs.

adj. worthy of attention because unusual or special

64. We must manage to _____ our expenditure.

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

ANSWERS: 57. sustainable, 58. ambassador, 59. vast, 60. problematic, 61. Doubt, 62. irrigate, 63. remarkable, 64. regulate

65. The _____ will repair my telephone tomorrow morning.
n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
66. The earthquake that hit the Pacific Ocean last night is said to have released about 30 _____ of energy.
n. a unit of explosive energy equal to one billion tons of TNT (= a powerful, yellow explosive substance); one billion tons
67. I was able to _____ the moment on film.
v. to catch a person or an animal and confine them in an area which they cannot escape
68. He drinks an _____ amount of beer.
adj. beyond belief or understanding and extremely surprising
69. Destructive fungi thrive in moist environments, such as those seen in wounds on the _____.
n. the main stem or body of a tree which its branches grow
70. The toddler was excited to wear his new _____ shoes.
adj. very small or tiny; referring to a short amount of time
71. The company has shown an excellent growth _____ over the years.
n. the curved path followed by an object moving through space
72. This exam requires excellent _____ to pass.
n. the ability to focus all your time and energy on one thing without thinking about anything else.

ANSWERS: 65. engineer, 66. gigatons, 67. capture, 68. unbelievable, 69. trunk, 70. wee-sized, 71. trajectory, 72. concentration

73. The ambulance was _____ to the scene of the accident.
- v.* to send someone or something somewhere for a particular purpose; to send a message or piece of information
74. Life is a vast _____ you should put as much paint on it as possible.
- n.* the heavy, closely woven fabric used for making tents, sails, etc. and by artists for painting on
75. The _____ has largely gotten positive feedback.
- n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
76. The government _____ the release of sensitive information.
- v.* to act in advance to prevent something or to replace it with something else
77. 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
78. The _____ industry plays a crucial role in the management and conservation of forests around the world.
- n.* the science, art, and practice of managing forests, including planting, cultivating, and caring for trees and conserving and developing natural forests
79. There are five distinct _____ at five unique wavelengths.
- n.* the act of production or sending out gas, heat, light, etc.
80. The new strategy will _____ the profitability of our company.
- v.* to increase or improve the quality, amount, or strength of someone or something

ANSWERS: 73. dispatched, 74. canvas;, 75. novel, 76. preempted, 77. biodiversity, 78. forestry, 79. emissions, 80. enhance

81. 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
82. The soldier who sacrificed his life for his country is considered a national _____.
n. a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities
83. The new employee proved extremely _____ completing projects ahead of schedule.
adj. resulting in or making a lot or a significant amount of something, especially something of value
84. It is more _____ to wash your plastic bottle and reuse it.
adj. providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary
85. I found a stink ____ crawling across the ceiling.
n. any tiny insect; a fault or defect in a computer program, system, or machine
86. He was alert and could not _____ any critical information out of him.
v. to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
87. He couldn't _____ the actual value of the artwork.
v. to judge or find out the amount or number of something by using mathematics

ANSWERS: 81. offshore, 82. hero, 83. productive, 84. economical, 85. bug, 86. pump, 87. calculate

88. This pie _____ represents our market share.
- n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea
89. The financial industry _____ was responsible for ensuring that companies followed the laws.
- n.* a person or thing that controls or balances something; a person or an organization that is responsible for control and supervision of a particular activity or area of public interest
90. Understanding protein folding is a vital step in deciphering the _____ code.
- adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
91. She soaked _____ in water until tender.
- n.* a plant that grows in the sea or on land very close to the sea, especially marine algae
92. 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
93. _____ organisms are composed of many specialized cells working together.
- adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
94. The _____ weather conditions forced us to cancel the outdoor event.
- adj.* unfavorable or harmful

ANSWERS: 88. chart, 89. regulator, 90. genetic, 91. seaweed, 92. economy, 93. Multicellular, 94. adverse

95. In _____ plants use carbon dioxide to feed themselves.
n. the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
96. She decided to _____ the vegetables on the grill for added flavor.
v. to burn or scorch the surface of something with fire or heat, often intentionally; to cook or prepare food over an open flame; to blacken or discolor due to excessive heat or burning; (noun) a charred piece of wood or other material; (noun, of a computer) a character or symbol in a text or string of characters in computer programming
97. The rock was completely _____ and didn't react when we tried to break it open.
adj. lacking the ability to move or act, often used to describe an object or substance that is inactive or non-reactive
98. Their headquarters are in a _____ skyscraper.
adj. of or belonging to the present time or recent times
99. Many countries have now agreed to a treaty banning the use of _____ weapons.
adj. of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
100. The company has made great strides in its _____ toward sustainability.
n. the act or process of changing to the next stage or phase or moving forward
101. The public is _____ that the prime minister has committed fraud.
adj. completely certain about something; having a strong belief or conviction in a particular religion

ANSWERS: 95. photosynthesis, 96. char, 97. inert, 98. modern, 99. nuclear, 100. progression, 101. convinced

102. He _____ hypotheses that no mathematician has ever imagined before.
- v.* to build or create something; to assemble or combine different parts to form something whole
103. The flying car is presently in the _____ stage.
- n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
104. Every human is responsible for taking care of the Earth's _____.
- n.* the natural world such as air, water, and land in which humans, animals, and plants live
105. The organizational _____ of start-ups is often flat and straightforward.
- n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
106. The _____ open cockpit allowed a thrilling and unobstructed view of the surrounding scenery.
- n.* a type of airplane that has two pairs of wings, one above the other, and usually a cockpit between them
107. The organization initiated a _____ of resources from its disaster relief fund to assist the affected communities.
- n.* the reduction or depletion of a resource, such as water, as a result of extraction or use; the act of withdrawing funds from an account or asset, typically associated with investment or borrowing
108. The federal _____ is planning to increase taxes for the next fiscal year.
- n.* the group of people with authority to control a country or state

ANSWERS: 102. constructs, 103. prototype, 104. environment, 105. structure, 106. biplane's, 107. drawdown, 108. government

109. 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

110. He was _____ of his freedom when sentenced to life in prison.

v. to take away something from someone

111. The sea surface temperature and _____ circulation are inextricably linked.

adj. about or located in the earth's atmosphere

112. The company's new software is highly _____ allowing it to handle increasing number of users.

adj. capable of being easily expanded or increased in size, number, or scale to meet changing demands

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

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

114. Sow early for an early _____.

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

115. These heavy rains caused flash _____ on several islands.

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

116. When the first molecule in the _____ receives a signal, it activates other molecules.

n. a track that constitutes or serves as a path; an approach or a way of doing something

ANSWERS: 109. rack, 110. deprived, 111. atmospheric, 112. scalable, 113. rot, 114. crop, 115. floods, 116. pathway

117. _____ efforts are necessary to combat deforestation and its negative environmental impact.
- n.* the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters
118. The wealthy _____ made a generous donation to the charity.
- n.* a person or organization that deals with or manages large sums of money, particularly for investment or financial trading purposes
119. 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
120. I _____ around for years in Europe before going to university.
- v.* to move smoothly and slowly in water or air, especially as a result of outside forces, with no control over the direction
121. He was known to be very _____ and would often work late into the night.
- adj.* hardworking, diligent, and persistent in effort
122. They have been living near water since _____ times.
- adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
123. The European Central Bank is Europe's _____ of the Federal Reserve.
- n.* having the same value, quality, meaning, purpose, etc.
124. Our world is in the third _____.
- n.* a span of 1000 years, or the 1000th anniversary (plural: millennia)

ANSWERS: 117. Reforestation, 118. financier, 119. crisis, 120. drifted, 121. industrious, 122. ancient, 123. equivalent, 124. millennium

125. The majority of synthetic vitamins are _____ from oil.
v. to make goods in large numbers, usually in a factory using machines
126. The marine _____ manufacturer demonstrated their newest hydroplane.
n. any vehicle that can fly and carry things or passengers, such as a plane or helicopter
127. During pregnancy, the stomach generates less _____ than usual.
n. sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
128. The cook _____ the leftover oxtail to make soup.
v. to use something for a practical purpose in an effective way
129. She gave an _____ speech at the graduation ceremony.
adj. able to speak or write clearly and impressively
130. The Grand _____ has an awe-inspiring sight.
n. a large deep valley with very steep sides of rock and usually formed by a river
131. The new software will streamline the workflow, _____ increasing productivity.
adv. as a result; consequence of a particular action or set of conditions
132. _____ and weather have an impact on every part of our lifestyles.
n. the weather in a particular location averaged over some long period
133. The robust economy of the country is based on its _____ resources.
n. a solid inorganic substance occurring in nature having a definite chemical composition

ANSWERS: 125. manufactured, 126. aircraft, 127. acid, 128. utilized, 129. eloquent, 130. Canyon, 131. thereby, 132. Climate, 133. mineral

134. These economic activities had disastrous environmental _____.
- n.* the outcome of a particular action or event, especially relative to an individual
135. 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
136. The body needs a certain amount of _____ to build and repair tissues.
- n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
137. I _____ a problem arising if we don't address this issue now.
- v.* to perceive or predict; to anticipate or expect something to happen in the future
138. The paradox _____ most philosophers.
- v.* to bewilder or perplex someone completely and to be unable to understand or explain something
139. 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
140. 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
141. 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: 134. consequences, 135. greenhouse, 136. protein, 137. foresee, 138. baffled, 139. branch, 140. process, 141. economics

142. This bar _____ shows sales over the past five years.
n. a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
143. The _____ community emphasizes the importance of working with, not against, nature.
n. a system of agricultural and ecological design that aims to create sustainable, self-sufficient ecosystems by working with natural processes and relying on renewable resources
144. The production of _____ fuels requires massive volumes of fresh water.
adj. capable of being renewed, extended, or replaced
145. The nobler, the more _____.
adj. having or showing a modest or low estimate of one's quality or importance
146. The company made an _____ about its new product at a press conference.
n. a public statement or declaration, often made in writing or through the media, that conveys important information or news
147. The firm has grown into a large _____ manufacturing.
adj. relating to or connected with chemistry;
148. The _____ between the two sides over the proposed policy was heated.
n. a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute
149. 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

ANSWERS: 142. graph, 143. permaculture, 144. renewable, 145. humble, 146. announcement, 147. chemical, 148. argument, 149. nutrients

150. 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

151. His religious and philosophical beliefs were utterly _____.

adj. doubting that something is accurate or useful

ANSWERS: 150. submarine, 151. skeptical