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Vocabulary Builder Reference from...

Jane Poynter: Life in Biosphere 2 | TED Talk

https://www.ted.com/talks/jane_poynter_life_in_biosp_here_2

All Words

IMPORTANT

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Session 1: Word List

distinct

adj. noticeable from something else of a similar type

synonym: different, special, characteristic

(1) **distinct** difference, (2) **distinct** from each other

It is essential to keep these two issues **distinct**.

biosphere

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

synonym: ecosphere, ecospace, ecosystem

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

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

hop

v. to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.

synonym: jump, bounce, skip

(1) **hop** on one foot, (2) **hop** from one place to another

The rabbit **hopped** over the fence.

harvest

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

synonym: crop, reaping, yield

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

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

wheat

n. a cereal plant that is the most important kind grown in temperate countries, the grain of which is ground to make flour for bread, pasta, pastry, etc

synonym : grain, cereal

(1) harvesting **wheat**, (2) **wheat** crop

The farmer grew **wheat** on his land.

dough

n. a mixture of flour, liquid, and other ingredients, typically used to make bread, pastry, or pasta

synonym : flour, mix

(1) work **dough**, (2) **dough** for pastry

She mixed flour, yeast, sugar, and water to make **dough** for the bread.

essentially

adv. relating to the essential features or concepts of anything

synonym : fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same

Essentially, a society is an organism.

acre

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

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

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

entirely

adv. completely

synonym : completely, fully, totally

(1) **entirely** satisfied with the meal, (2) he was **entirely** to blame

Later, his claim was found to be **entirely** false.

sealed

adj. closed or secured with

synonym : closed, impenetrable

(1) **sealed** orders, (2) **sealed** jar

We packed and shipped the product in **sealed** containers.

miniature

adj. being on a very small scale

synonym : mini, scaled-down, pint-sized

(1) **miniature** camera, (2) **miniature** version

He did complicated pen-and-ink drawings like medieval **miniatures**.

steel

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

synonym : iron

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

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

underneath

adv. under or below something else

synonym : below, under, beneath

(1) **underneath** the surface of the water, (2) **underneath** the laughter

The penny fell **underneath** the piano.

rainforest

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

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

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

coral

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

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

She is wearing a **coral** necklace.

reef

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

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

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

savannah

n. a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close

synonym: grassland, plain

(1) **savannah** region, (2) tropical **savannah**

The birds live in tropical forests, **savannahs**, and arid semi-desert environments.

marsh

n. a type of land that is always wet and has soft soil; swamp or bog

synonym: bog, swamp, fen

(1) **marsh** bird, (2) river-delta **marsh**

Environmentalists are concerned about the harm to the **marsh**.

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**.

habitat

n. the type of natural environment in which an organism or group usually lives or occurs

synonym: dwelling, environment, home ground

(1) a marine **habitat**, (2) threatened **habitat**

The **habitat** of this bird is freshwater areas and saltwater marshes.

quest

n. a long or challenging search for something

synonym: exploration, inquisition, pursuit

(1) the **quest** for truth, (2) on a **quest** for happiness

That adventurer traveled in **quest** of buried treasure.

sphere

n. a round object or geometric shape that is three-dimensional and symmetrical around a central point; a particular aspect or scope of life or activity

synonym: ball, globe, scope

(1) **sphere** of influence, (2) business **sphere**

The **sphere** of the earth is divided into several layers including the crust, mantle, and core.

specific

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

synonym: particular, definite, distinct

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

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

decide

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

synonym: choose, determine, settle

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

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

energetic

adj. possessing or exerting or displaying energy

synonym: active, animated, lively

(1) **energetic** density, (2) **energetic** dog

This process caused an **energetic** chemical reaction.

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.

chamber

n. a large room used for a formal, public, or particular purpose; one of the parts of a parliament

synonym: association, cabin, legislature

(1) a gas **chamber**, (2) the lower **chamber**

The surgeon made an incision in the **chambers** of the patient's heart.

module

n. a self-contained unit or component of a larger system or structure; a standardized unit of computer hardware or software designed to perform a specific function

synonym : component, unit, segment

(1) **module** software, (2) audio **module**

I must install a new programming **module** for my computer program to function properly.

fellow

adj. someone who has the same job or interests as you, or is in the same class, profession, or situation as you

synonym : buddy, mate, affiliate

(1) junior **fellow**, (2) nice **fellow**

He is the kind of **fellow** who only works for his success.

bacteria

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

synonym : microorganism, microbe

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

Bacteria prevalent in hospitals are often resistant to antibiotics.

incredibly

adv. in a way that is very difficult to believe; exceedingly or extremely

synonym : enormously, exceptionally, extraordinarily

(1) **incredibly** cheerful character, (2) get **incredibly** insecure

Several cities are experiencing **incredibly** high unemployment rates.

concerned

adj. feeling worry or interest about something; showing interest or attention

synonym : worried, caring, involved

(1) persons **concerned**, (2) **concerned** citizen

I am **concerned** about the safety of the children playing in the park.

succumb

v. to fail to oppose something, such as desire, pressure, or some other opposing force; to die or suffer badly from the effect of a disease or injury

synonym : surrender, break down, die

(1) **succumb** to cancer, (2) **succumb** to old age

He finally **succumbed** to temptation.

dreadful

adj. very bad, unpleasant, or causing fear

synonym : terrible, horrible, awful

(1) **dreadful** accident, (2) **dreadful** news

The conditions of the prison were **dreadful** and inhumane.

toxin

n. a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

synonym : poison, venom, contaminant

(1) **toxin** exposure, (2) **toxin** production

Mold exposure can release dangerous **toxins** into the air.

lung

n. either of the two organs in the chest that people and some animals use for breathing

(1) **lung** capacity, (2) do **lung** transplantation

He has terminal **lung** cancer.

choke

v. to prevent or obstruct the normal breathing or swallowing of someone or something

synonym : strangle, suffocate, clog

(1) **choke** with anger, (2) **choke** off the blood supply

The baby started to **choke** on a piece of apple.

fungus

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

synonym : mold, mildew, yeast

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

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

ensue

v. to happen or follow as a result or consequence of something

synonym: follow, occur, result

(1) **ensue** within a few years, (2) predict what will **ensue**

A power outage **ensued** after the storm knocked out the electricity.

saga

n. a long, detailed story or account of heroic deeds, family history, or notable events, often consisting of a series of connected episodes

synonym: epic, tale, chronicle

(1) fantasy **saga**, (2) historical **saga**

The epic **saga** of the family's journey through time captivated readers worldwide.

malleable

adj. able to be easily shaped, molded, or manipulated, particularly in a physical or metaphorical sense; capable of being adapted or changed according to different circumstances or situations

synonym: flexible, adaptable, pliable

(1) **malleable** clay, (2) **malleable** attitude

Gold is a **malleable** metal that can be easily shaped into different forms.

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.

jam

n. a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit

synonym: difficulty, mess, preserve

(1) a traffic **jam**, (2) a jar of **jam**

The shredder in the print room often has paper **jams**.

survive

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

synonym: endure, persist, stay

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

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

universe

n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

synonym: cosmos, macrocosm

(1) theory of the **universe**, (2) expansion of the **universe**

The **universe** is about 13.8 billion years old.

mar

v. to damage or spoil the appearance or surface of something

synonym: damage, deface, disfigure

(1) **mar** a proper relationship, (2) **mar** the reputation

The scratches on the car **marred** its otherwise perfect appearance.

instance

n. a particular example or single occurrence of something

synonym: example, sample, illustration

(1) for **instance**, (2) notable **instance**

These articles cite five **instances** of climate change.

maid

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

synonym: servant, housekeeper, domestic

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

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

voyage

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

synonym: journey, trip, excursion

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

The astronaut trained for years before embarking on her

voyage to the International Space Station.

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.

negate

v. to make something ineffective or null; to deny the truth of something

synonym: refuse, nullify, annul

(1) **negate** the possibility, (2) **negate** the existing system

Drinking may **negate** the beneficial effects of the drug.

concept

n. an idea or principle associated with something abstract

synonym: idea, notion, vision

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

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

human-made

adj. created or produced by humans; artificial

synonym: artificial, unnatural, manufactured

(1) **human-made** climate change, (2) the worst

human-made disaster

The bridge is a **human-made** structure and was built to span the river.

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.

valve

n. a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens, closes, or restricts the opening

synonym : tap, spigot, faucet

(1) electromagnetic **valve**, (2) **valve** control

The **valve** on the pipeline was leaking, so maintenance had to shut it off to make repairs.

handle

v. to deal with a situation, problem, or strong emotion

synonym : control, manage, deal with

(1) **handle** a precious object, (2) **handled** the incident

We all should learn how to **handle** stress.

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.

laboratory

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

synonym : lab, workshop, testing room

(1) **laboratory** accident, (2) anthropology **laboratory**

Animal protection groups call for an end to animal testing in a **laboratory**.

agriculture

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

synonym : farming, husbandry, agribusiness

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

Agriculture is the foundation of our economy.

organic

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

synthetic chemicals

synonym : biological

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

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

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**.

abstract

adj. based on general ideas, feelings, or qualities and not on any a physical or concrete existence

synonym : conceptual, theoretical, ideational

(1) an **abstract** noun, (2) **abstract** science

The invention of the camera triggered the development of **abstract** painting.

literally

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

synonym : actually, truly, verily

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

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

awful

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

synonym : terrible, appalling, horrible

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

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

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.

bizarre

adj. very strange or unusual

synonym : abnormal, freaky, outlandish

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

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

oxygen

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

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

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

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.

lord

n. a person who has general authority, control, or power over others; a man of noble rank or high office

synonym : master, noble, peer

(1) a young **lord**, (2) **lord** of castle

The feudal **lord** had ruled the land for many years.

crazy

adj. stupid or not sensible; very angry

synonym : insane, absurd, bizarre

(1) **crazy** about cars and racing, (2) a **crazy** scheme

The rain and thunder are **crazy** today.

biomass

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

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

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

basement

n. a room or a part of a building that is partly or entirely below ground level

synonym: cellar, storage, vault

(1) four **basement** floor, (2) church **basement**

Underground rivers flow over a **basement** layer that is impervious to water.

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.

soil

n. the top layer of Earth in which plants grow

synonym: earth, ground, mud

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

Soil moisture is another significant component controlling soil respiration.

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.

unexpected

adj. not anticipated or regarded as likely to happen

synonym: surprising, unanticipated, incredible

(1) an **unexpected** visitor, (2) some **unexpected** events

The **unexpected** rainstorm caused the collapse of the corral.

tandem

n. a device or arrangement that allows two or more things to be connected or work together in a coordinated manner; a bicycle built for two people to ride in a line, with one behind the other

synonym: bicycle built for two, double, tandem bike

(1) **tandem** approach, (2) **tandem** skydiving
The **tandem** bike ride was fun for the couple to enjoy together.

atomic

adj. of or relating to atom (= the smallest component of an element)

synonym: tiny, microscopic, nuclear

(1) **atomic** nucleus, (2) **atomic** bomb

Carbon has an **atomic** mass of 12.

hide-and-seek

n. a popular children's game in which one player closes their eyes for a brief period of time while the other players hide

(1) enjoy a game of **hide-and-seek**, (2) **hide-and-seek** champion

We played **hide-and-seek** in the park until it got too dark.

clue

n. an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery

synonym: hint, indication, inkling

(1) a **clue** about the crime, (2) a **clue** to the diagnosis

The police couldn't find a **clue** to her whereabouts.

drag

v. to pull or haul with force

synonym: haul, pull, draw

(1) **drag** a chair over, (2) **drag** a team down

He **dragged** the heavy suitcase behind him as he walked.

apnea

n. a temporary cessation of breathing, especially during sleep; a medical condition characterized by the repeated occurrence of such interruptions

synonym: breathing interruption, suspension of breath

(1) **apnea** treatment, (2) epileptic **apnea**

Sleep **apnea** is a severe condition that causes a person to stop breathing while asleep.

gasp

v. to inhale sharply and audibly, often in response to strong emotion or sensation; to catch one's breath suddenly, often due to shock or surprise

synonym: breathe, pant, heave

(1) **gasp** for air, (2) **gasp** in shock

The audience **gasped** when the magician made the rabbit disappear from the hat.

breath

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

synonym: air, puff, whiff

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

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

chemistry

n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions

(1) professor of **chemistry**, (2) the **chemistry** of soil

He is familiar with **chemistry** and biology.

irritating

adj. causing annoyance, frustration, or exasperation; provoking impatience or irritation

synonym: annoying, bothersome, vexing

(1) **irritating** noise, (2) **irritating** behavior

The garbage can in the kitchen has been producing an **irritating** smell for days.

mum

n. a British term for "mom" or "mother"; (adjective) failing to speak or communicate when expected to do so

synonym: mother, silent, soundless

(1) **mum's** cooking, (2) keep **mum**

My **mum** always knew how to comfort me when I was feeling down.

susceptible

adj. easily influenced, harmed, or affected by something

synonym: exposed, liable, gullible

(1) a **susceptible** young woman, (2) **susceptible** of proof
Well-stretched muscles are less **susceptible** to injury.

fig

n. a sweet and soft edible fruit with many seeds or a tree on which these grow

(1) **fig** marigold, (2) **fig** tree

He ate the dried **figs** he had preserved.

terrifying

adj. very frightening or intimidating

synonym: frightening, intimidating, alarming

(1) **terrifying** experience, (2) **terrifying** events

Large earthquakes often generate **terrifying** tsunamis.

airlock

n. a chamber between two areas that can be sealed against pressure, allowing the passage of people and objects to go from one area to the other

(1) an **airlock** chamber, (2) **airlock** module

The mechanic has just inspected the jammed **airlock**.

crank

n. a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person

synonym: eccentric, oddball, kook

(1) **crank** handle, (2) **crank** caller

The fishing reel had a **crank** that made it easy to reel in the catch.

concrete

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

synonym: actual, factual, hardened

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

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

compost

n. a mixture of organic matter, such as food scraps, yard waste, and manure, that is allowed to decompose and is used as fertilizer for plants and garden soil

synonym : fertilizer, humus, manure

(1) organic **compost**, (2) **compost** pile

You can add coffee grounds and crushed eggshells to your **compost** to improve the pH balance.

straightforward

adj. easy to do or understand, or simple; free from ambiguity

synonym : honest, candid, forthright

(1) **straightforward** manner, (2) make a **straightforward** dash

The defendant gave a **straightforward** and accurate description of the accident.

elated

adj. extremely happy, joyful, or excited, often as a result of success or achievement

synonym : joyful, thrilled, ecstatic

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

She was **elated** when she found out she got the job she had hoped for.

discovery

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

synonym : finding, uncovering, detection

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

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

emerge

v. to move out of or away from something and become visible

synonym : arise, occur, appear

(1) **emerge** as a butterfly, (2) **emerge** from poverty

During colonial eras, new migratory patterns **emerged**.

thrill

n. a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion

synonym : exhilaration, delight, rush

(1) the **thrill** of speed, (2) incredible **thrill**
Skydiving is an overwhelming **thrill** for many people.

recoil

v. to spring or flinch back, as in surprise, fear, or pain
synonym: flinch, shy, shrink

(1) **recoil** in horror, (2) **recoil** from a snake
The gun **recoiled** with a loud bang.

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.

armpit

n. the hollow under the arm where it joins the shoulder
synonym: underarm, axilla

(1) hair of the **armpits**, (2) **armpit** area
This stick will deodorize your **armpits**.

deodorant

n. a product applied to the body, typically under the arms, that helps to eliminate or mask unpleasant body odor
synonym: antiperspirant, scent, fragrant

(1) **deodorant** stick, (2) spray **deodorant**
Make sure to apply **deodorant** before going to the gym.

perfume

n. a liquid that emits and diffuses a pleasant smell, usually used on the skin
synonym: scent, aroma, bouquet

(1) a subtle **perfume**, (2) **perfume** every day
He sniffed the **perfume** voluptuously.

recognize

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

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

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

aisle

n. a passage between rows of seats in a theater, airplane, or other public building, typically one of two or more running parallel with the main body of the structure

synonym: corridor, passageway, gangway

(1) **aisle** seat, (2) the center **aisle** of a church

She walked down the **aisle** to the front of the church.

astonishing

adj. surprising or shocking; difficult to believe

synonym: surprising, shocking, astounding

(1) **astonishing** achievement, (2) make **astonishing** gains

The news of her sudden death was **astonishing** to everyone who knew her.

visceral

adj. relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses

synonym: instinctive, intuitive, gut

(1) **visceral** organ, (2) **visceral** fear

After watching the horror movie, she had a **visceral** reaction and couldn't sleep all night.

paragon

n. a person or thing that is regarded as a perfect example of a particular quality or characteristic; a model of excellence or perfection

synonym: model, exemplar, ideal

(1) **paragon** of wisdom, (2) **paragon** of virtue

She is considered a **paragon** of beauty and grace in her community.

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.

corporation

n. a large company or group of companies that are controlled together by law as a single unit

synonym: business, company, enterprise

(1) a public **corporation**, (2) **corporation** assets

Four companies were amalgamated into a single **corporation**.

firm

adj. resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company

synonym: stable, secure, steadfast

(1) **firm** grip, (2) accounting **firm**

The **firm** deadline for submitting the project is tomorrow, so we need to work efficiently to finish on time.

shuttle

n. a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp threads

synonym: ferry, transport, convey

(1) space **shuttle**, (2) **shuttle** service

The **shuttle** bus will take you to the airport in 15 minutes.

organism

n. a tiny living thing

synonym: being, creature

(1) aerobic **organism**, (2) group of **organisms**

A diversified plant species generally enhances beneficial **organism** populations.

cycle

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

synonym: revolution, rotation, bike

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

cycle

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

envelop

v. to surround and cover completely; to encase

synonym: wrap, cover, surround

(1) **envelop** the whole world, (2) **envelop** her in a bear hug

The fog **enveloped** the city, making it difficult to see.

announce

v. to make something known or officially inform people about something

synonym: disclose, declare, broadcast

(1) **announce** candidacy, (2) **announce** the award winners

The third season of the anime show has been **announced**.

sneak

v. to go somewhere, or take someone or something somewhere secretly or stealthily; to steal or do something secretly or stealthily

synonym: creep, tiptoe, smuggle

(1) **sneak** a cigarette, (2) **sneak** out of danger

The children tried to **sneak** out and eat the candy.

preview

n. an early look or showing of a movie, book, or other creative work before its official release or presentation; a brief overview or introduction of something

synonym: sneak peek, trailer, teaser

(1) **preview** screening, (2) trailer **preview**

We watched a **preview** of the upcoming movie before it was released in theaters.

legacy

n. something that is handed down from an earlier generation or time, often something that has had a significant impact on subsequent generations; a bequest made by a person in their will, often money or property

synonym: inheritance, bequest, estate

(1) financial **legacy**, (2) cultural **legacy**

Her **legacy** as a philanthropist will live on for generations to come.

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.

horn

n. a hard, pointed, often curved part that grows on the top of the heads of some animals, such as sheep and cows; a noisemaker or musical instrument that makes a loud noise when you blow through it

synonym : cornet, funnel, alarm

(1) a handle of **horn**, (2) **horn** of a vehicle

He enjoyed hearing the tootles of their **horns** with beer.

formerly

adv. in the past; previously; at a previous time, or in a previous state

synonym : previously, earlier, already

(1) **formerly** known, (2) **formerly** a student

The building was **formerly** a warehouse but has become a modern office space.

stark

adj. empty, simple, or apparent; devoid of any qualifications

synonym : crude, blunt, desolate

(1) **stark** landscape, (2) **stark** truth

The scenery of the battlefield was **stark** and grey.

eke

v. to make a living or support oneself with difficulty or by supplementing one's income with additional work or resources; to manage or get by with what is available, often by means of careful or thrifty measures

synonym : supplement, stretch, squeeze out

(1) **eke** out a few extra dollars, (2) **eke** out a narrow victory

He managed to **eke** out a living by doing odd jobs.

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.

sand

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

synonym : grit, dust, powder

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

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

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**.

purity

n. the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature

synonym : sinlessness, innocence, cleanliness

(1) the degree of **purity**, (2) high **purity**

Higher **purity** requires additional equipment and energy.

seed

n. a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant

synonym : germ, kernel, ovule

(1) a **seed** coat, (2) **seed** money

He planted the **seed** in the soil and waited for it to sprout.

mangrove

n. a tropical coastal tree or shrub that grows in saline soil and has prop roots that help to stabilize it

(1) **mangrove** forest, (2) **mangrove** swamp

The **mangrove** trees are known for their ability to survive in saltwater and sandy soil.

plantation

n. a large farm or estate, typically in a tropical or subtropical country, used for growing cash crops

synonym: estate, farm, manor

(1) a rubber **plantation**, (2) **plantation** house

The former **plantation** owner struggled to adjust to life without the enslaved people that once worked for him.

whatnot

n. unspecified or unimportant objects, things, or details; miscellaneous items or things; a small, open shelving unit or stand used for displaying various objects or curios

synonym: odds and ends, gizmos, etcetera

(1) books and **whatnot**, (2) clothes and **whatnot**

I need to pick up some groceries, toiletries, and **whatnot** at the store.

shrimp

n. a small, freshwater or saltwater creature with a slender body and long legs

synonym: prawn, langoustine, scampi

(1) **shrimp** cocktail, (2) **shrimp** farming

The seafood restaurant had a variety of dishes featuring **shrimp**.

scourge

n. a person or thing that causes great suffering or destruction; (verb) to punish someone severely

synonym: plague, disaster, curse

(1) **scourge** of AIDS, (2) bring a **scourge** under control

The plague was a **scourge** that killed millions of people.

frank

adj. honest and sincere; open and candid in expression

synonym: candid, direct, freehearted

(1) **frank** and open discussion, (2) make a **frank** apology

Full involvement means **frank** and prompt responses.

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**.

pollutant

n. a substance or agent that pollutes or contaminates the environment, typically through release into the air, water, or soil

synonym: contaminant, toxic substance

(1) noxious **pollutant**, (2) water **pollutant**

The factory's use of chemicals has made it a significant **pollutant** in the area.

pollute

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

synonym: contaminate, corrupt, degrade

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

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

pond

n. a small, shallow lake

synonym: lake, pool, basin

(1) a garden **pond**, (2) **pond** water

The freshwater **pond** was home to many different types of fish and was a popular spot for fishing.

effluent

n. liquid waste or sewage that is discharged or released into a body of water; a byproduct or waste material that flows out or is expelled from a manufacturing process or system

synonym: outflow, discharge, sewage

(1) **effluent** discharge, (2) toxic **effluent**

The factory's **effluent** was carefully monitored to ensure it didn't harm the environment.

pollution

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

synonym: corrosion, deterioration, corruption

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

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

abundance

n. a significant amount of something; the situation in which there is too much of something

synonym: plenty, affluence, plentitude

(1) an age of **abundance**, (2) an **abundance** of examples

A healthy farm provides an **abundance** of food.

industrial

adj. of or relating to or resulting from industry

synonym: manufacturing, mechanical

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

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

ecosystem

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

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

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

portion

n. one component of a larger entity

synonym: part, amount, fragment

(1) the inner **portion** of the body, (2) large **portion**

The rocket's front **portion** falls off.

creditor

n. a person, company, etc. to whom a debtor owes money

(1) the **creditor's** claims, (2) bankrupt **creditor**

I asked the lawyer to initiate **creditor** negotiations for voluntary liquidation.

protocol

n. a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement

synonym: procedure, system, method

(1) draft a **protocol**, (2) **protocol** breach

The company has a strict **protocol** for handling sensitive information to ensure security.

swamp

n. an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation

synonym: marsh, mire, bog

(1) muddy **swamp**, (2) **swamp** tour

The lowland **swamp** was full of dangerous animals and poisonous plants.

boundary

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

synonym: border, frontier, limitation

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

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

interaction

n. the act of connecting with someone, mainly when working, playing, or spending time with them

synonym: dealings, exchange, relations

(1) the **interaction** between man and his environment,
(2) **interaction** among human beings

The **interaction** of the two groups is good for brainstorming.

context

n. the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning

synonym: background, setting, environment

(1) historical **context**, (2) legal **context**

It's important to understand the **context** of a situation before

making a decision.

incredible

adj. unbelievable; enormous

synonym : unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed

Her response revealed **incredible** idiocy.

transformation

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

synonym : change, conversion, renewal

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

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

biocide

n. a substance or agent that is capable of killing or inhibiting the growth of living organisms, especially those that are considered harmful or undesirable

synonym : pesticide, antimicrobial, insecticide

(1) **biocide** resistance, (2) use of **biocides**

The extensive use of **biocides** in agriculture has raised concerns about environmental impact.

intentionally

adv. in a planned or intended way

synonym : knowingly, calculatedly, deliberately

(1) she hit him **intentionally**, (2) She **intentionally** spread misleading information.

She would never **intentionally** hurt anyone.

unintentional

adj. not done or made on purpose; accidental

synonym : accidental, unforeseen, spontaneous

(1) avoid **unintentional** harm, (2) **unintentional** insult

The mistake was **unintentional** and made in good faith.

photograph

n. a picture or image that is produced by a camera; a visual representation or record of a person, object, or

scene that has been captured electronically or on film
synonym : photo, picture, snapshot

(1) **photograph** album, (2) **photograph** memories

I found an old **photograph** of my grandparents from their wedding day.

massive

adj. enormous amount; very heavy and solid

synonym : enormous, giant, immense

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

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

deforestation

n. the act of cutting down or burning trees in a large area

synonym : clear-cutting, desertification

(1) **deforestation** of the tropics, (2) the lowest **deforestation** rate

Large-scale **deforestation** also has a significant impact on marine ecosystems in the area.

wisp

n. a thin, delicate strand or vestige of something, such as smoke, vapor, or a piece of hair; a faint, barely perceptible indication or hint of something; a small creature or fairy, often depicted as a hovering, translucent figure

synonym : strand, thread, filament

(1) a **wisp** of mist, (2) a **wisp** of conversation

The **wisp** of smoke from the candle added to the room's cozy ambiance.

fir

n. a type of tall evergreen tree that is native to the northern hemisphere, with needle-like leaves and cones that stand upright on the branches

synonym : pine, spruce, cedar

(1) **fir** branch, (2) **fir** forest

The smell of fresh **fir** trees filled the air at the Christmas tree farm.

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.

transform

v. to change in outward structure or looks;

synonym: alter, convert, change

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

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

biophilia

n. a deeply ingrained human affinity or love for the natural world and living organisms coined by biologist E.O. Wilson, which refers to the innate connection and attraction humans have toward nature

synonym: love of nature, affinity for living organisms

(1) **biophilia** in healthcare, (2) natural **biophilia**

The **biophilia** hypothesis suggests that humans have an innate love for nature and a desire to connect with other living systems.

nurture

v. to take care of, feed, and protect someone or something while they are growing and developing

synonym: boost, cultivate, enable

(1) **nurture** love, (2) **nurture** his talents

Schools should **nurture** children's mutual interest spirit.

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.

rake

n. a garden tool with a long handle and curved, pointed teeth used for gathering fallen leaves, grass clippings, and other debris from lawns and gardens; a dissolute or immoral person, often one who pursues pleasure and debauchery to excess

synonym : scraper, harrow, hoe

(1) bamboo **rake**, (2) **rake's** behavior

The golf course has special **rakes** for smoothing out the sand traps.

backyard

n. a whole space behind and belonging to a house

synonym : courtyard, garden

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

He grows vegetables in his **backyard**.

property

n. a thing or things that belong to someone

synonym : belongings, possessions, equity

(1) a man of **property**, (2) chemical **property**

He stood to inherit a million-dollar **property**.

gravel

n. small stones and pebbles, often mixed with sand, used for road surfaces, concrete, landscaping, or as a decorative material

synonym : pebbles, stones, rocks

(1) **gravel** road, (2) **gravel** pit

We spread **gravel** over the driveway to prevent cars from getting stuck in the mud.

throttle

v. to control or restrict the flow or speed of something, such as an engine or a person's actions; to strangle or choke someone or something; (noun) a mechanism or device that controls the flow of fuel or power to an engine, regulating its speed or power output

synonym : choke, strangle, suffocate

(1) **throttle** down economic growth, (2) go full **throttle**

The driver had to **throttle** the car to climb the steep hill quickly.

aesthetic

adj. connected with the enjoyment or study of beauty

synonym : beautiful, artistic, esthetic

(1) **aesthetic** value, (2) **aesthetic** feeling

My **aesthetic** standards are quite different from hers.

uncomfortable

adj. providing or feeling physical discomfort or slight pain

synonym : comfortless, discomforting, painful

(1) an **uncomfortable** silence, (2) with an **uncomfortable** face

His abusive words made me **uncomfortable**.

untidy

adj. not neat or organized; messy; lacking order or tidiness in appearance or arrangement

synonym : messy, disorganized, slovenly

(1) **untidy** handwriting, (2) **untidy** appearance

Her **untidy** room was cluttered with clothes and books.

topsoil

n. the upper layer of soil that contains most of the nutrients and organic matter and is important for plant growth and cultivation; a shallow, loose layer of soil that can be easily removed or displaced by wind, water, or other factors

synonym : top layer, surface soil, humus

(1) **topsoil** erosion, (2) nutrient-rich **topsoil**

The farmer trucked in some fresh **topsoil** to improve the fertility of his fields.

hawk

n. a bird of prey typically having short rounded wings and a long tail; an advocate of an aggressive policy on foreign relations

synonym : militarist, jingo, aggressor

(1) cast off a **hawk**, (2) congressional **hawk**

That team signed a center forward who was a ball- **hawk**.

oasis

n. a fertile land in a desert or semi-desert environment where there is water and therefore plants and trees and sometimes a village or town

(1) tropical **oasis**, (2) **oasis** farming

The **oasis** supplied water for early farms until the modern age.

flush

v. to become red on your face, especially because you are embarrassed, angry, or hot; to rinse, clean, or empty something, especially a toilet, by causing large quantities of water to flow

synonym: redden, burn, suffuse

(1) the blood **flush** into my face, (2) **flush** the toilet

The girl **flushed** when a young man whistled as she walked by.

riverine

adj. relating to, inhabiting, or characteristic of a river or rivers; located or occurring along the banks or within the vicinity of a river

synonym: river-related, fluvial, stream

(1) **riverine** areas, (2) **riverine** ecosystem

The army conducted **riverine** operations to secure the border area.

revolt

n. to take violent action against authority, especially government or ruler

synonym: rebellion, uprising, insurgence

(1) **revolt** against existing ways of thinking, (2) **revolt** against the dictator

The people tried to **revolt** to oust the tyrant.

revolution

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

synonym: coup, innovation, rebellion

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

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

interact

v. to communicate or react with somebody

synonym: cooperate, combine, collaborate

(1) **interact** directly with customers, (2) **interact** with one another

He should **interact** more with his colleagues.

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.

yoga

n. a Hindu spiritual and ascetic discipline including breath control, simple meditation, and the adoption of specific bodily postures, which is widely practiced for health and relaxation

synonym: meditation, exercise, spiritual practice

(1) aerial **yoga**, (2) **yoga** teacher

Many people find that regular **yoga** practice can help reduce stress and anxiety.

literal

adj. adhering strictly to the exact meaning or interpretation of words or language; without exaggeration or metaphorical meaning

synonym: exact, precise, accurate

(1) **literal** translation, (2) **literal** understanding

Her **literal** interpretation of the text caused her to miss the deeper meaning behind the author's words.

algae

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

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

Algae has jammed the inlet to the water turbine.

dinosaur

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

synonym: reptile, beast, monster

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

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

exhale

v. to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently

synonym: breathe out, expel, emit

(1) **exhale** a big sigh, (2) **exhale** cigarette smoke

He took a deep breath and slowly began to **exhale**.

grandchild

n. a child of someone's son or daughter

synonym: offspring, descendant, progeny

(1) **grandchild-grandparent** relationship, (2) **grandchild** development

The grandparents take care of their **grandchild** while the parents are at work.

Session 2: Spelling

1. bi____e resistance *n.* a substance or agent that is capable of killing or inhibiting the growth of living organisms, especially those that are considered harmful or undesirable
2. in____ct with one another *v.* to communicate or react with somebody
3. go full th____le *v.* to control or restrict the flow or speed of something, such as an engine or a person's actions; to strangle or choke someone or something; (noun) a mechanism or device that controls the flow of fuel or power to an engine, regulating its speed or power output
4. hulking di____ur *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
5. dr____ul news *adj.* very bad, unpleasant, or causing fear
6. four ba____nt floor *n.* a room or a part of a building that is partly or entirely below ground level
7. enjoy a game of hid_____eek *n.* a popular children's game in which one player closes their eyes for a brief period of time while the other players hide
8. m_m's cooking *n.* a British term for "mom" or "mother"; (adjective) failing to speak or communicate when expected to do so
9. en____p the whole world *v.* to surround and cover completely; to encase

ANSWERS: 1. biocide, 2. interact, 3. throttle, 4. dinosaur, 5. dreadful, 6. basement, 7. hide-and-seek, 8. mum, 9. envelop

- | | | |
|-----------------------------------|-----------|---|
| 10. predict what will en__e | <i>v.</i> | to happen or follow as a result or consequence of something |
| 11. hid_____eek champion | <i>n.</i> | a popular children's game in which one player closes their eyes for a brief period of time while the other players hide |
| 12. int_____on among human beings | <i>n.</i> | the act of connecting with someone, mainly when working, playing, or spending time with them |
| 13. natural bi_____ia | <i>n.</i> | a deeply ingrained human affinity or love for the natural world and living organisms coined by biologist E.O. Wilson, which refers to the innate connection and attraction humans have toward nature |
| 14. pr_____s improvement | <i>n.</i> | a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products |
| 15. cultural le____y | <i>n.</i> | something that is handed down from an earlier generation or time, often something that has had a significant impact on subsequent generations; a bequest made by a person in their will, often money or property |
| 16. mo____e software | <i>n.</i> | a self-contained unit or component of a larger system or structure; a standardized unit of computer hardware or software designed to perform a specific function |

ANSWERS: 10. ensue, 11. hide-and-seeK, 12. interaction, 13. biophilia, 14. process, 15. legacy, 16. module

17. co_____ed citizen *adj.* feeling worry or interest about something; showing interest or attention
18. vi_____al organ *adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses
19. st__k truth *adj.* empty, simple, or apparent; devoid of any qualifications
20. do aw__l damage *adj.* causing fear, dread, or terror; very bad or unpleasant
21. harmless ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
22. to__n production *n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism
23. clothes and wh_____t *n.* unspecified or unimportant objects, things, or details; miscellaneous items or things; a small, open shelving unit or stand used for displaying various objects or curios
24. at___c nucleus *adj.* of or relating to atom (= the smallest component of an element)
25. the blood fl__h into my face *v.* to become red on your face, especially because you are embarrassed, angry, or hot; to rinse, clean, or empty something, especially a toilet, by causing large quantities of water to flow

ANSWERS: 17. concerned, 18. visceral, 19. stark, 20. awful, 21. bacteria, 22. toxin, 23. whatnot, 24. atomic, 25. flush

26. d__g a chair over *v.* to pull or haul with force
27. reap a ha____t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
28. bring a sc_____e under control *n.* a person or thing that causes great suffering or destruction; (verb) to punish someone severely
29. ca____n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
30. ap__a treatment *n.* a temporary cessation of breathing, especially during sleep; a medical condition characterized by the repeated occurrence of such interruptions
31. a sus_____le young woman *adj.* easily influenced, harmed, or affected by something
32. blue al__e *n.* A simple plant that grows in or near water and lacks typical leaves and roots
33. th_____y-obtained data *adv.* as a result; consequence of a particular action or set of conditions
34. ha____ed the incident *v.* to deal with a situation, problem, or strong emotion
35. h_p on one foot *v.* to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.
36. 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

ANSWERS: 26. drag, 27. harvest, 28. scourge, 29. carbon, 30. apnea, 31. susceptible, 32. algae, 33. thereby, 34. handle, 35. hop, 36. pump

37. el___d mood *adj.* extremely happy, joyful, or excited, often as a result of success or achievement
38. professor of ch_____ry *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
39. ba_____rd barbecue *n.* a whole space behind and belonging to a house
40. the lowest def_____ion rate *n.* the act of cutting down or burning trees in a large area
41. high levels of air po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
42. draft a pr_____ol *n.* a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement
43. s__d dunes *n.* finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
44. cr__y about cars and racing *adj.* stupid or not sensible; very angry
45. s__d castle *n.* finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action

ANSWERS: 37. elated, 38. chemistry, 39. backyard, 40. deforestation, 41. pollution, 42. protocol, 43. sand, 44. crazy, 45. sand

46. parched s__l *n.* the top layer of Earth in which plants grow
47. fr__k and open discussion *adj.* honest and sincere; open and candid in expression
48. barrier r__f *n.* a long chain or range of rocks or sand near the ocean's surface
49. di____ct difference *adj.* noticeable from something else of a similar type
50. avoid uni_____nal harm *adj.* not done or made on purpose; accidental
51. pe_____e every day *n.* a liquid that emits and diffuses a pleasant smell, usually used on the skin
52. 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
53. f_g tree *n.* a sweet and soft edible fruit with many seeds or a tree on which these grow
54. in_____ct directly with customers *v.* to communicate or react with somebody
55. re_____ze talent *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
56. he was en_____ly to blame *adv.* completely
57. environmental po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
58. en_____p her in a bear hug *v.* to surround and cover completely; to encase

ANSWERS: 46. soil, 47. frank, 48. reef, 49. distinct, 50. unintentional, 51. perfume, 52. circulation, 53. fig, 54. interact, 55. recognize, 56. entirely, 57. pollution, 58. envelop

59. church ba_____nt *n.* a room or a part of a building that is partly or entirely below ground level
60. ch__e with anger *v.* to prevent or obstruct the normal breathing or swallowing of someone or something
61. ex___e cigarette smoke *v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently
62. go to the workplace by cy__e *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
63. the bo_____ry between reality and fantasy *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
64. the hydrogen binds the ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
65. incredible th___l *n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
66. work do__h *n.* a mixture of flour, liquid, and other ingredients, typically used to make bread, pastry, or pasta
67. em___e as a butterfly *v.* to move out of or away from something and become visible
68. re___l in horror *v.* to spring or flinch back, as in surprise, fear, or pain

ANSWERS: 59. basement, 60. choke, 61. exhale, 62. cycle, 63. boundary, 64. oxygen, 65. thrill, 66. dough, 67. emerge, 68. recoil

69. cr__k handle *n.* a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person
70. sh_____e service *n.* a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp threads
71. sa_____ah region *n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
72. make a fr__k apology *adj.* honest and sincere; open and candid in expression
73. the lower ch_____r *n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament
74. high pu___y *n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
75. 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
76. beginning of the industrial
rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;

ANSWERS: 69. crank, 70. shuttle, 71. savannah, 72. frank, 73. chamber, 74. purity, 75. develop, 76. revolution

77. fu___s infection *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
78. p__d water *n.* a small, shallow lake
79. ma_____le clay *adj.* able to be easily shaped, molded, or manipulated, particularly in a physical or metaphorical sense; capable of being adapted or changed according to different circumstances or situations
80. gr___l road *n.* small stones and pebbles, often mixed with sand, used for road surfaces, concrete, landscaping, or as a decorative material
81. bi_____s energy *n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms
82. translate li_____ly *adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively
83. aerobic or_____sm *n.* a tiny living thing
84. h__n of a vehicle *n.* a hard, pointed, often curved part that grows on the top of the heads of some animals, such as sheep and cows; a noisemaker or musical instrument that makes a loud noise when you blow through it
85. def_____ion of the tropics *n.* the act of cutting down or burning trees in a large area

ANSWERS: 77. fungus, 78. pond, 79. malleable, 80. gravel, 81. biomass, 82. literally, 83. organism, 84. horn, 85. deforestation

86. symbiotic fu___s *n.* a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
87. se_____er ten percent of the annual carbon emissions *v.* to take temporary possession of someone's property until a debt is paid.
88. su_____b to cancer *v.* to fail to oppose something, such as desire, pressure, or some other opposing force; to die or suffer badly from the effect of a disease or injury
89. notable in_____ce *n.* a particular example or single occurrence of something
90. f_r forest *n.* a type of tall evergreen tree that is native to the northern hemisphere, with needle-like leaves and cones that stand upright on the branches
91. co_____te examples *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
92. the center ai__e of a church *n.* a passage between rows of seats in a theater, airplane, or other public building, typically one of two or more running parallel with the main body of the structure
93. group of or_____sms *n.* a tiny living thing
94. c__p herbicide *n.* a plant that is cultivated in large amounts, particularly for food

ANSWERS: 86. fungus, 87. sequester, 88. succumb, 89. instance, 90. fir, 91. concrete, 92. aisle, 93. organism, 94. crop

95. half-a__e parcel *n.* a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)
96. c__p field *n.* a plant that is cultivated in large amounts, particularly for food
97. river-delta ma__h *n.* a type of land that is always wet and has soft soil; swamp or bog
98. learn new co____ts *n.* an idea or principle associated with something abstract
99. en__e within a few years *v.* to happen or follow as a result or consequence of something
100. th____y improving overall health *adv.* as a result; consequence of a particular action or set of conditions
101. geographical bo____ry *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
102. un__y handwriting *adj.* not neat or organized; messy; lacking order or tidiness in appearance or arrangement
103. cor_____on assets *n.* a large company or group of companies that are controlled together by law as a single unit
104. a co____te noun *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
105. oasis in the de__t *n.* arid land with little or no vegetation often covered with sand or rocks

ANSWERS: 95. acre, 96. crop, 97. marsh, 98. concept, 99. ensue, 100. thereby, 101. boundary, 102. untidy, 103. corporation, 104. concrete, 105. desert

106. artificial bi_____re *n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms
107. congressional h__k *n.* a bird of prey typically having short rounded wings and a long tail; an advocate of an aggressive policy on foreign relations
108. pr_____w screening *n.* an early look or showing of a movie, book, or other creative work before its official release or presentation; a brief overview or introduction of something
109. a jar of j_m *n.* a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit
110. a scanty ha_____t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
111. se___d jar *adj.* closed or secured with
112. d__g a team down *v.* to pull or haul with force
113. m__d service *n.* a girl or young woman employed to do domestic work
114. cast off a h__k *n.* a bird of prey typically having short rounded wings and a long tail; an advocate of an aggressive policy on foreign relations
115. de___t basin *n.* arid land with little or no vegetation often covered with sand or rocks

ANSWERS: 106. biosphere, 107. hawk, 108. preview, 109. jam, 110. harvest, 111. sealed, 112. drag, 113. maid, 114. hawk, 115. desert

116. an ab_____ce of examples *n.* a significant amount of something; the situation in which there is too much of something
117. She int_____lly spread misleading information. *adv.* in a planned or intended way
118. at inc_____le speed *adj.* unbelievable; enormous
119. large po_____n *n.* one component of a larger entity
120. ar____t area *n.* the hollow under the arm where it joins the shoulder
121. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
122. gra_____ld development *n.* a child of someone's son or daughter
123. oa__s farming *n.* a fertile land in a desert or semi-desert environment where there is water and therefore plants and trees and sometimes a village or town
124. to__n exposure *n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism
125. em___e from poverty *v.* to move out of or away from something and become visible
126. ri_____ne areas *adj.* relating to, inhabiting, or characteristic of a river or rivers; located or occurring along the banks or within the vicinity of a river

ANSWERS: 116. abundance, 117. intentionally, 118. incredible, 119. portion, 120. armpit, 121. ecosystem, 122. grandchild, 123. oasis, 124. toxin, 125. emerge, 126. riverine

127. irr_____ng noise *adj.* causing annoyance, frustration, or exasperation; provoking impatience or irritation
128. terrestrial bi_____re *n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms
129. po_____e the thread *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
130. the inner po_____n of the body *n.* one component of a larger entity
131. po_____e the air *v.* to make an area or substance, such as land, air, water, etc., dirty or harmful to living things by adding waste matter or harmful chemicals
132. 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
133. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
134. the qu__t for truth *n.* a long or challenging search for something
135. sh___p cocktail *n.* a small, freshwater or saltwater creature with a slender body and long legs
136. ter_____ng experience *adj.* very frightening or intimidating
137. se_____er pollution *n.* water from the sea or ocean, typically containing salt and various other dissolved minerals

ANSWERS: 127. irritating, 128. biosphere, 129. pollute, 130. portion, 131. pollute, 132. greenhouse, 133. evolve, 134. quest, 135. shrimp, 136. terrifying, 137. seawater

138. industry-sp____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
139. va__e control *n.* a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens, closes, or restricts the opening
140. st__l beam *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
141. cast a tra_____ion spell *n.* a complete change in form, nature, or appearance of someone or something
142. f__m grip *adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company
143. 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
144. ma_____ve forest *n.* a tropical coastal tree or shrub that grows in saline soil and has prop roots that help to stabilize it

ANSWERS: 138. specific, 139. valve, 140. steel, 141. transformation, 142. firm, 143. process, 144. mangrove

145. do__h for pastry *n.* a mixture of flour, liquid, and other ingredients, typically used to make bread, pastry, or pasta
146. st__k badly *v.* to emit a strong, unpleasant odor; to have a strong offensive smell; to be corrupt or unethical
147. expansion of the un____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
148. fantasy s__a *n.* a long, detailed story or account of heroic deeds, family history, or notable events, often consisting of a series of connected episodes
149. co____t pile *n.* a mixture of organic matter, such as food scraps, yard waste, and manure, that is allowed to decompose and is used as fertilizer for plants and garden soil
150. m_r a proper relationship *v.* to damage or spoil the appearance or surface of something
151. ch__e off the blood supply *v.* to prevent or obstruct the normal breathing or swallowing of someone or something
152. theory of the un____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
153. ri____ne ecosystem *adj.* relating to, inhabiting, or characteristic of a river or rivers; located or occurring along the banks or within the vicinity of a river

ANSWERS: 145. dough, 146. stink, 147. universe, 148. saga, 149. compost, 150. mar, 151. choke, 152. universe, 153. riverine

154. und_____th the surface of the water
adv. under or below something else
155. epileptic ap__a
n. a temporary cessation of breathing, especially during sleep; a medical condition characterized by the repeated occurrence of such interruptions
156. change the ec_____em
n. all the plants and living creatures in an area and the way they affect each other and the environment
157. vi_____al fear
adj. relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses
158. a s__d coat
n. a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant
159. l__d of castle
n. a person who has general authority, control, or power over others; a man of noble rank or high office
160. fuel bi_____s
n. the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms
161. env_____nt affairs
n. the natural world such as air, water, and land in which humans, animals, and plants live
162. ai_____k module
n. a chamber between two areas that can be sealed against pressure, allowing the passage of people and objects to go from one area to the other

ANSWERS: 154. underneath, 155. apnea, 156. ecosystem, 157. visceral, 158. seed, 159. lord, 160. biomass, 161. environment, 162. airlock

163. ast_____ng achievement *adj.* surprising or shocking; difficult to believe
164. with an unc_____ble face *adj.* providing or feeling physical discomfort or slight pain
165. re_____ze achievement *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
166. ca____n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
167. en_____ic dog *adj.* possessing or exerting or displaying energy
168. an age of ab_____ce *n.* a significant amount of something; the situation in which there is too much of something
169. an ai_____ft landing *n.* any vehicle that can fly and carry things or passengers, such as a plane or helicopter
170. e_e out a few extra dollars *v.* to make a living or support oneself with difficulty or by supplementing one's income with additional work or resources; to manage or get by with what is available, often by means of careful or thrifty measures
171. a gas ch_____r *n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament

ANSWERS: 163. astonishing, 164. uncomfortable, 165. recognize, 166. carbon, 167. energetic, 168. abundance, 169. aircraft, 170. eke, 171. chamber

172. threatened ha____t *n.* the type of natural environment in which an organism or group usually lives or occurs
173. audio mo____e *n.* a self-contained unit or component of a larger system or structure; a standardized unit of computer hardware or software designed to perform a specific function
174. re____t against existing ways of thinking *n.* to take violent action against authority, especially government or ruler
175. 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
176. noxious po____nt *n.* a substance or agent that pollutes or contaminates the environment, typically through release into the air, water, or soil
177. space sh____e *n.* a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp threads
178. fo____ly known *adv.* in the past; previously; at a previous time, or in a previous state
179. a w__p of conversation *n.* a thin, delicate strand or vestige of something, such as smoke, vapor, or a piece of hair; a faint, barely perceptible indication or hint of something; a small creature or fairy, often depicted as a hovering, translucent figure

ANSWERS: 172. habitat, 173. module, 174. revolt, 175. atmosphere, 176. pollutant, 177. shuttle, 178. formerly, 179. wisp

180. ma____e stars *adj.* enormous amount; very heavy and solid
181. sn__k a cigarette *v.* to go somewhere, or take someone or something somewhere secretly or stealthily; to steal or do something secretly or stealthily
182. fo____ly a student *adv.* in the past; previously; at a previous time, or in a previous state
183. anthropology lab____ry *n.* a workplace for doing scientific research or teaching science; a lab
184. gra____ld-grandparent relationship *n.* a child of someone's son or daughter
185. pho____ph album *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
186. ma____e amounts *adj.* enormous amount; very heavy and solid
187. 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
188. ind____us student *adj.* hardworking, diligent, and persistent in effort
189. se____er myself from the world *v.* to take temporary possession of someone's property until a debt is paid.
190. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

ANSWERS: 180. massive, 181. sneak, 182. formerly, 183. laboratory, 184. grandchild, 185. photograph, 186. massive, 187. pump, 188. industrious, 189. sequester, 190. planet

191. se___d orders *adj.* closed or secured with
192. g__p in shock *v.* to inhale sharply and audibly, often in response to strong emotion or sensation; to catch one's breath suddenly, often due to shock or surprise
193. en____ly satisfied with the meal *adv.* completely
194. su_____e a blizzard *v.* to live or exist despite a dangerous event or period
195. pho_____ph memories *n.* a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film
196. g__p for air *v.* to inhale sharply and audibly, often in response to strong emotion or sensation; to catch one's breath suddenly, often due to shock or surprise
197. intensive agr_____re *n.* the practice or science of cultivating the land or raising stock
198. pa_____n of virtue *n.* a person or thing that is regarded as a perfect example of a particular quality or characteristic; a model of excellence or perfection
199. und_____th the laughter *adv.* under or below something else
200. muddy sw__p *n.* an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation
201. nice fe___w *adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you

ANSWERS: 191. sealed, 192. gasp, 193. entirely, 194. survive, 195. photograph, 196. gasp, 197. agriculture, 198. paragon, 199. underneath, 200. swamp, 201. fellow

202. beginning of the ind_____al
revolution *adj.* of or relating to or resulting from
industry
203. on a qu__t for happiness *n.* a long or challenging search for
something
204. business sp____e *n.* a round object or geometric shape that
is three-dimensional and symmetrical
around a central point; a particular
aspect or scope of life or activity
205. 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
206. inc_____le amount *adj.* unbelievable; enormous
207. co__l ornament *n.* a rock-like substance created in the sea
by groupings of specific types of small
animals, commonly used in jewelry
208. toxic ef_____nt *n.* liquid waste or sewage that is
discharged or released into a body of
water; a byproduct or waste material
that flows out or is expelled from a
manufacturing process or system
209. tropical rai_____st *n.* a forest rich in biodiversity that is
generally found in tropical settings with
heavy annual rainfall
210. get inc_____ly insecure *adv.* in a way that is very difficult to believe;
exceedingly or extremely
211. su_____e a plane crash *v.* to live or exist despite a dangerous
event or period

ANSWERS: 202. industrial, 203. quest, 204. sphere, 205. develop, 206. incredible, 207. coral, 208. effluent, 209. rainforest, 210. incredibly, 211. survive

212. 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
213. the worst hum_____de disaster *adj.* created or produced by humans; artificial
214. nu_____e love *v.* to take care of, feed, and protect someone or something while they are growing and developing
215. ter_____ng events *adj.* very frightening or intimidating
216. uni_____nal insult *adj.* not done or made on purpose; accidental
217. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
218. ne___e the possibility *v.* to make something ineffective or null; to deny the truth of something
219. dr_____ul accident *adj.* very bad, unpleasant, or causing fear
220. sn__k out of danger *v.* to go somewhere, or take someone or something somewhere secretly or stealthily; to steal or do something secretly or stealthily
221. a man of pr_____ty *n.* a thing or things that belong to someone
222. ma_____le attitude *adj.* able to be easily shaped, molded, or manipulated, particularly in a physical or metaphorical sense; capable of being adapted or changed according to different circumstances or situations

ANSWERS: 212. planet, 213. human-made, 214. nurture, 215. terrifying, 216. unintentional, 217. industrious, 218. negate, 219. dreadful, 220. sneak, 221. property, 222. malleable

223. a w__p of mist *n.* a thin, delicate strand or vestige of something, such as smoke, vapor, or a piece of hair; a faint, barely perceptible indication or hint of something; a small creature or fairy, often depicted as a hovering, translucent figure
224. sus_____le of proof *adj.* easily influenced, harmed, or affected by something
225. the th___l of speed *n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion
226. legal co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
227. historical co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
228. books and wh_____t *n.* unspecified or unimportant objects, things, or details; miscellaneous items or things; a small, open shelving unit or stand used for displaying various objects or curios
229. li_____l translation *adj.* adhering strictly to the exact meaning or interpretation of words or language; without exaggeration or metaphorical meaning
230. coral r__fs *n.* a long chain or range of rocks or sand near the ocean's surface

ANSWERS: 223. wisp, 224. susceptible, 225. thrill, 226. context, 227. context, 228. whatnot, 229. literal, 230. reef

231. an aw__l error *adj.* causing fear, dread, or terror; very bad or unpleasant
232. keep m_m *n.* a British term for "mom" or "mother"; (adjective) failing to speak or communicate when expected to do so
233. trailer pr____w *n.* an early look or showing of a movie, book, or other creative work before its official release or presentation; a brief overview or introduction of something
234. 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
235. junior fe___w *adj.* someone who has the same job or interests as you, or is in the same class, profession, or situation as you
236. lab_____ry accident *n.* a workplace for doing scientific research or teaching science; a lab
237. bi_____e behavior *adj.* very strange or unusual
238. sh___p farming *n.* a small, freshwater or saltwater creature with a slender body and long legs
239. an_____ce candidacy *v.* to make something known or officially inform people about something
240. de_____nt stick *n.* a product applied to the body, typically under the arms, that helps to eliminate or mask unpleasant body odor
241. the cy__e of the seasons *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle

ANSWERS: 231. awful, 232. mum, 233. preview, 234. atmosphere, 235. fellow, 236. laboratory, 237. bizarre, 238. shrimp, 239. announce, 240. deodorant, 241. cycle

242. s__d money *n.* a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant
243. do l__g transplantation *n.* either of the two organs in the chest that people and some animals use for breathing
244. ai____ft control system *n.* any vehicle that can fly and carry things or passengers, such as a plane or helicopter
245. an ab____ct noun *adj.* based on general ideas, feelings, or qualities and not on any a physical or concrete existence
246. magnetic st__l *n.* a strong metal alloy made up of iron with typically a few tenths of a percent of carbon used for making things that need a strong structure
247. li____l understanding *adj.* adhering strictly to the exact meaning or interpretation of words or language; without exaggeration or metaphorical meaning
248. make ast_____ng gains *adj.* surprising or shocking; difficult to believe
249. tr____rm heat into power *v.* to change in outward structure or looks;
250. bankrupt cr____or *n.* a person, company, etc. to whom a debtor owes money
251. co____t car *n.* an idea or principle associated with something abstract
252. sc____e of AIDS *n.* a person or thing that causes great suffering or destruction; (verb) to punish someone severely

ANSWERS: 242. seed, 243. lung, 244. aircraft, 245. abstract, 246. steel, 247. literal, 248. astonishing, 249. transform, 250. creditor, 251. concept, 252. scourge

253. ma__h bird *n.* a type of land that is always wet and has soft soil; swamp or bog
254. organic agr_____re *n.* the practice or science of cultivating the land or raising stock
255. ess_____ly correct *adv.* relating to the essential features or concepts of anything
256. at___c bomb *adj.* of or relating to atom (= the smallest component of an element)
257. a c___e to the diagnosis *n.* an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery
258. en_____ic density *adj.* possessing or exerting or displaying energy
259. a cr___y scheme *adj.* stupid or not sensible; very angry
260. a vo___e of discovery *n.* a long journey, especially by sea or in space
261. ta___m skydiving *n.* a device or arrangement that allows two or more things to be connected or work together in a coordinated manner; a bicycle built for two people to ride in a line, with one behind the other
262. sp_____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
263. hum_____de climate change *adj.* created or produced by humans; artificial
264. an une_____ed visitor *adj.* not anticipated or regarded as likely to happen

ANSWERS: 253. marsh, 254. agriculture, 255. essentially, 256. atomic, 257. clue, 258. energetic, 259. crazy, 260. voyage, 261. tandem, 262. specific, 263. human-made, 264. unexpected

265. cr__k caller *n.* a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person
266. pathogenic ba_____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
267. a marine ha_____t *n.* the type of natural environment in which an organism or group usually lives or occurs
268. become ess_____ly same *adv.* relating to the essential features or concepts of anything
269. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually
270. y__a teacher *n.* a Hindu spiritual and ascetic discipline including breath control, simple meditation, and the adoption of specific bodily postures, which is widely practiced for health and relaxation
271. ne___e the existing system *v.* to make something ineffective or null; to deny the truth of something
272. organic co_____t *n.* a mixture of organic matter, such as food scraps, yard waste, and manure, that is allowed to decompose and is used as fertilizer for plants and garden soil

ANSWERS: 265. crank, 266. bacteria, 267. habitat, 268. essentially, 269. evolve, 270. yoga, 271. negate, 272. compost

273. re___l from a snake *v.* to spring or flinch back, as in surprise, fear, or pain
274. se_____er bacteria *n.* water from the sea or ocean, typically containing salt and various other dissolved minerals
275. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
276. ae_____ic value *adj.* connected with the enjoyment or study of beauty
277. ind_____al alcohol *adj.* of or relating to or resulting from industry
278. tr_____rm an education system *v.* to change in outward structure or looks;
279. take a vo___e *n.* a long journey, especially by sea or in space
280. a handle of h__n *n.* a hard, pointed, often curved part that grows on the top of the heads of some animals, such as sheep and cows; a noisemaker or musical instrument that makes a loud noise when you blow through it
281. for in_____ce *n.* a particular example or single occurrence of something
282. bi_____ia in healthcare *n.* a deeply ingrained human affinity or love for the natural world and living organisms coined by biologist E.O. Wilson, which refers to the innate connection and attraction humans have toward nature

ANSWERS: 273. recoil, 274. seawater, 275. decide, 276. aesthetic, 277. industrial, 278. transform, 279. voyage, 280. horn, 281. instance, 282. biophilia

283. aerial y__a *n.* a Hindu spiritual and ascetic discipline including breath control, simple meditation, and the adoption of specific bodily postures, which is widely practiced for health and relaxation
284. ma____ve swamp *n.* a tropical coastal tree or shrub that grows in saline soil and has prop roots that help to stabilize it
285. a rubber pla_____on *n.* a large farm or estate, typically in a tropical or subtropical country, used for growing cash crops
286. an a__e of forest *n.* a unit of land area in the US Customary System and the British Imperial System, equal to 4,840 square yards (= 4,047 square meters)
287. str_____ard manner *adj.* easy to do or understand, or simple; free from ambiguity
288. co__l island *n.* a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry
289. a traffic j_m *n.* a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit
290. fl__h the toilet *v.* to become red on your face, especially because you are embarrassed, angry, or hot; to rinse, clean, or empty something, especially a toilet, by causing large quantities of water to flow
291. bite his tongue li_____ly *adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively

ANSWERS: 283. yoga, 284. mangrove, 285. plantation, 286. acre, 287. straightforward, 288. coral, 289. jam, 290. flush, 291. literally

292. irr_____ng behavior *adj.* causing annoyance, frustration, or exasperation; provoking impatience or irritation
293. f_g marigold *n.* a sweet and soft edible fruit with many seeds or a tree on which these grow
294. e_e out a narrow victory *v.* to make a living or support oneself with difficulty or by supplementing one's income with additional work or resources; to manage or get by with what is available, often by means of careful or thrifty measures
295. pla_____on house *n.* a large farm or estate, typically in a tropical or subtropical country, used for growing cash crops
296. el____d expression *adj.* extremely happy, joyful, or excited, often as a result of success or achievement
297. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
298. tropical sa_____ah *n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
299. persons co_____ed *adj.* feeling worry or interest about something; showing interest or attention
300. use of bi_____es *n.* a substance or agent that is capable of killing or inhibiting the growth of living organisms, especially those that are considered harmful or undesirable

ANSWERS: 292. irritating, 293. fig, 294. eke, 295. plantation, 296. elated, 297. environment, 298. savannah, 299. concerned, 300. biocide

301. gr___l pit *n.* small stones and pebbles, often mixed with sand, used for road surfaces, concrete, landscaping, or as a decorative material
302. h_p from one place to another *v.* to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.
303. a c__e about the crime *n.* an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery
304. play in the ba____rd *n.* a whole space behind and belonging to a house
305. th____le down economic growth *v.* to control or restrict the flow or speed of something, such as an engine or a person's actions; to strangle or choke someone or something; (noun) a mechanism or device that controls the flow of fuel or power to an engine, regulating its speed or power output
306. a subtle pe____e *n.* a liquid that emits and diffuses a pleasant smell, usually used on the skin
307. ir____te fields *v.* to supply water to land to help plants grow
308. st__k up the place *v.* to emit a strong, unpleasant odor; to have a strong offensive smell; to be corrupt or unethical
309. financial le____y *n.* something that is handed down from an earlier generation or time, often something that has had a significant impact on subsequent generations; a bequest made by a person in their will, often money or property

ANSWERS: 301. gravel, 302. hop, 303. clue, 304. backyard, 305. throttle, 306. perfume, 307. irrigate, 308. stink, 309. legacy

310. ta___m approach *n.* a device or arrangement that allows two or more things to be connected or work together in a coordinated manner; a bicycle built for two people to ride in a line, with one behind the other
311. to_____l erosion *n.* the upper layer of soil that contains most of the nutrients and organic matter and is important for plant growth and cultivation; a shallow, loose layer of soil that can be easily removed or displaced by wind, water, or other factors
312. an_____ce the award winners *v.* to make something known or officially inform people about something
313. lack of ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
314. the ch_____ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
315. bamboo r___e *n.* a garden tool with a long handle and curved, pointed teeth used for gathering fallen leaves, grass clippings, and other debris from lawns and gardens; a dissolute or immoral person, often one who pursues pleasure and debauchery to excess
316. mi_____re camera *adj.* being on a very small scale
317. chemical pr_____ty *n.* a thing or things that belong to someone

ANSWERS: 310. tandem, 311. topsoil, 312. announce, 313. oxygen, 314. chemistry, 315. rake, 316. miniature, 317. property

318. tropical oa__s	<i>n.</i>	a fertile land in a desert or semi-desert environment where there is water and therefore plants and trees and sometimes a village or town
319. m_r the reputation	<i>v.</i>	to damage or spoil the appearance or surface of something
320. a public cor_____on	<i>n.</i>	a large company or group of companies that are controlled together by law as a single unit
321. nu_____e his talents	<i>v.</i>	to take care of, feed, and protect someone or something while they are growing and developing
322. harvesting wh__t	<i>n.</i>	a cereal plant that is the most important kind grown in temperate countries, the grain of which is ground to make flour for bread, pasta, pastry, etc
323. the int_____on between man and his environment	<i>n.</i>	the act of connecting with someone, mainly when working, playing, or spending time with them
324. ab_____ct science	<i>adj.</i>	based on general ideas, feelings, or qualities and not on any a physical or concrete existence
325. wh__t crop	<i>n.</i>	a cereal plant that is the most important kind grown in temperate countries, the grain of which is ground to make flour for bread, pasta, pastry, etc
326. rai_____st destruction	<i>n.</i>	a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall

ANSWERS: 318. oasis, 319. mar, 320. corporation, 321. nurture, 322. wheat, 323. interaction, 324. abstract, 325. wheat, 326. rainforest

327. historical s__a *n.* a long, detailed story or account of heroic deeds, family history, or notable events, often consisting of a series of connected episodes
328. inc_____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
329. st__k landscape *adj.* empty, simple, or apparent; devoid of any qualifications
330. sw__p tour *n.* an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation
331. the degree of pu___y *n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
332. hold your br___h *n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
333. hair of the ar___ts *n.* the hollow under the arm where it joins the shoulder
334. ex___e a big sigh *v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently
335. 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
336. water po_____nt *n.* a substance or agent that pollutes or contaminates the environment, typically through release into the air, water, or soil

ANSWERS: 327. saga, 328. incredibly, 329. stark, 330. swamp, 331. purity, 332. breath, 333. armpit, 334. exhale, 335. circulation, 336. pollutant

337. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
338. a garden p__d *n.* a small, shallow lake
339. ha___e a precious object *v.* to deal with a situation, problem, or strong emotion
340. su_____b to old age *v.* to fail to oppose something, such as desire, pressure, or some other opposing force; to die or suffer badly from the effect of a disease or injury
341. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
342. pa_____n of wisdom *n.* a person or thing that is regarded as a perfect example of a particular quality or characteristic; a model of excellence or perfection
343. an ai_____k chamber *n.* a chamber between two areas that can be sealed against pressure, allowing the passage of people and objects to go from one area to the other
344. or_____c soils *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
345. sp___e of influence *n.* a round object or geometric shape that is three-dimensional and symmetrical around a central point; a particular aspect or scope of life or activity

ANSWERS: 337. discovery, 338. pond, 339. handle, 340. succumb, 341. discovery, 342. paragon, 343. airlock, 344. organic, 345. sphere

346. the cr____or's claims *n.* a person, company, etc. to whom a debtor owes money
347. al__e biofuel *n.* A simple plant that grows in or near water and lacks typical leaves and roots
348. br____h of wind *n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
349. di____ur fossil *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
350. ai__e seat *n.* a passage between rows of seats in a theater, airplane, or other public building, typically one of two or more running parallel with the main body of the structure
351. a political rev____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
352. accounting f__m *adj.* resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company
353. some une____ed events *adj.* not anticipated or regarded as likely to happen
354. re____t against the dictator *n.* to take violent action against authority, especially government or ruler
355. mi____re version *adj.* being on a very small scale

ANSWERS: 346. creditor, 347. algae, 348. breath, 349. dinosaur, 350. aisle, 351. revolution, 352. firm, 353. unexpected, 354. revolt, 355. miniature

356. a young l__d *n.* a person who has general authority, control, or power over others; a man of noble rank or high office
357. nutrient-rich to____l *n.* the upper layer of soil that contains most of the nutrients and organic matter and is important for plant growth and cultivation; a shallow, loose layer of soil that can be easily removed or displaced by wind, water, or other factors
358. the tra_____ion of a tadpole into a frog *n.* a complete change in form, nature, or appearance of someone or something
359. f_r branch *n.* a type of tall evergreen tree that is native to the northern hemisphere, with needle-like leaves and cones that stand upright on the branches
360. she hit him int_____lly *adv.* in a planned or intended way
361. ir_____te the flowers and plants *v.* to supply water to land to help plants grow
362. a waiting m__d *n.* a girl or young woman employed to do domestic work
363. make a str_____ard dash *adj.* easy to do or understand, or simple; free from ambiguity
364. r__e's behavior *n.* a garden tool with a long handle and curved, pointed teeth used for gathering fallen leaves, grass clippings, and other debris from lawns and gardens; a dissolute or immoral person, often one who pursues pleasure and debauchery to excess

ANSWERS: 356. lord, 357. topsoil, 358. transformation, 359. fir, 360. intentionally, 361. irrigate, 362. maid, 363. straightforward, 364. rake

365. ae_____ic feeling *adj.* connected with the enjoyment or study of beauty
366. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
367. dif_____ty in breathing *n.* a condition or state that causes problems
368. the story is bi_____e *adj.* very strange or unusual
369. the degree of dif_____ty *n.* a condition or state that causes problems
370. pr_____ol breach *n.* a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement
371. emissions of gre_____se gases *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
372. ef_____nt discharge *n.* liquid waste or sewage that is discharged or released into a body of water; a byproduct or waste material that flows out or is expelled from a manufacturing process or system
373. eat or_____c food *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
374. l___g capacity *n.* either of the two organs in the chest that people and some animals use for breathing

ANSWERS: 365. aesthetic, 366. decide, 367. difficulty, 368. bizarre, 369. difficulty, 370. protocol, 371. greenhouse, 372. effluent, 373. organic, 374. lung

375. di____ct from each other *adj.* noticeable from something else of a similar type
376. un___y appearance *adj.* not neat or organized; messy; lacking order or tidiness in appearance or arrangement
377. electromagnetic va__e *n.* a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens, closes, or restricts the opening
378. spray de_____nt *n.* a product applied to the body, typically under the arms, that helps to eliminate or mask unpleasant body odor
379. s__ls retentive of moisture *n.* the top layer of Earth in which plants grow
380. an unc_____ble silence *adj.* providing or feeling physical discomfort or slight pain

ANSWERS: 375. distinct, 376. untidy, 377. valve, 378. deodorant, 379. soil, 380. uncomfortable

Session 3: Fill in the Blanks

1. She would never _____ hurt anyone.
adv. in a planned or intended way
2. Understanding unitary _____ of a normal matrix require considerable mathematical sophistication.
n. a complete change in form, nature, or appearance of someone or something
3. A healthy farm provides an _____ of food.
n. a significant amount of something; the situation in which there is too much of something
4. The lowland _____ was full of dangerous animals and poisonous plants.
n. an area of low-lying land that is flooded or saturated with water, often having a growth of natural vegetation
5. It's important to _____ your strengths and weaknesses.
v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
6. 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
7. This process caused an _____ chemical reaction.
adj. possessing or exerting or displaying energy

ANSWERS: 1. intentionally, 2. transformations, 3. abundance, 4. swamp, 5. recognize, 6. process, 7. energetic

8. Mold exposure can release dangerous _____ into the air.
- n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism
9. The baby started to _____ on a piece of apple.
- v.* to prevent or obstruct the normal breathing or swallowing of someone or something
10. Full involvement means _____ and prompt responses.
- adj.* honest and sincere; open and candid in expression
11. The _____ rainstorm caused the collapse of the corral.
- adj.* not anticipated or regarded as likely to happen
12. The police couldn't find a _____ to her whereabouts.
- n.* an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery
13. The factory's _____ was carefully monitored to ensure it didn't harm the environment.
- n.* liquid waste or sewage that is discharged or released into a body of water; a byproduct or waste material that flows out or is expelled from a manufacturing process or system
14. It's important to understand the _____ of a situation before making a decision.
- n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
15. After watching the horror movie, she had a _____ reaction and couldn't sleep all night.
- adj.* relating to or affecting the internal organs; instinctive or emotional rather than rational; characterized by deep-seated emotional reactions or responses

ANSWERS: 8. toxins, 9. choke, 10. frank, 11. unexpected, 12. clue, 13. effluent, 14. context, 15. visceral

16. Eyeless fish _____ in dark caves.
v. to develop gradually, or to cause the development of something or someone gradually
17. This stick will deodorize your _____.
n. the hollow under the arm where it joins the shoulder
18. These articles cite five _____ of climate change.
n. a particular example or single occurrence of something
19. He is familiar with _____ and biology.
n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions
20. The girl _____ when a young man whistled as she walked by.
v. to become red on your face, especially because you are embarrassed, angry, or hot; to rinse, clean, or empty something, especially a toilet, by causing large quantities of water to flow
21. Certain types of _____ can be toxic to humans, causing severe illness if ingested.
n. a type of organism that includes yeasts, molds, and mushrooms, which are heterotrophic, meaning they do not produce their food and must consume organic matter to survive
22. He did complicated pen-and-ink drawings like medieval _____.
adj. being on a very small scale
23. The scientist conducted a study that provided _____ details about the species' behavior.
adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

ANSWERS: 16. evolved, 17. armpits, 18. instances, 19. chemistry, 20. flushed, 21. fungus, 22. miniatures, 23. specific

24. The balance of the _____ is crucial for the survival of species.
- n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms
25. Animal protection groups call for an end to animal testing in a _____.
- n.* a workplace for doing scientific research or teaching science; a lab
26. _____ design has become more focused on human nature aspect than ever before.
- adj.* of or relating to or resulting from industry
27. Large-scale _____ also has a significant impact on marine ecosystems in the area.
- n.* the act of cutting down or burning trees in a large area
28. We spread _____ over the driveway to prevent cars from getting stuck in the mud.
- n.* small stones and pebbles, often mixed with sand, used for road surfaces, concrete, landscaping, or as a decorative material
29. A diversified plant species generally enhances beneficial _____ populations.
- n.* a tiny living thing
30. The destruction of the _____ is a ticking time bomb for the Earth.
- n.* a forest rich in biodiversity that is generally found in tropical settings with heavy annual rainfall
31. Her research team made an important _____.
- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

ANSWERS: 24. biosphere, 25. laboratory, 26. Industrial, 27. deforestation, 28. gravel, 29. organism, 30. rainforest, 31. discovery

32. He managed to ____ out a living by doing odd jobs.

- v.* to make a living or support oneself with difficulty or by supplementing one's income with additional work or resources; to manage or get by with what is available, often by means of careful or thrifty measures

33. That team signed a center forward who was a ball-_____.

- n.* a bird of prey typically having short rounded wings and a long tail; an advocate of an aggressive policy on foreign relations

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

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

35. The mechanic has just inspected the jammed _____.

- n.* a chamber between two areas that can be sealed against pressure, allowing the passage of people and objects to go from one area to the other

36. She walked down the _____ to the front of the church.

- n.* a passage between rows of seats in a theater, airplane, or other public building, typically one of two or more running parallel with the main body of the structure

37. The _____ of the two groups is good for brainstorming.

- n.* the act of connecting with someone, mainly when working, playing, or spending time with them

38. Skydiving is an overwhelming _____ for many people.

- n.* a feeling of extreme and sudden excitement and pleasure; to cause someone to feel sudden intense sensation or emotion

ANSWERS: 32. eke, 33. hawk, 34. sand, 35. airlock, 36. aisle, 37. interaction, 38. thrill

39. 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
40. The building was _____ a warehouse but has become a modern office space.
- adv.* in the past; previously; at a previous time, or in a previous state
41. Schools should _____ children's mutual interest spirit.
- v.* to take care of, feed, and protect someone or something while they are growing and developing
42. The _____ in a forest can be measured by collecting and weighing all living plants within a specific area.
- n.* the total quantity of living matter in a given unit of environment, including plants, animals, and microorganisms
43. The driver had to _____ the car to climb the steep hill quickly.
- v.* to control or restrict the flow or speed of something, such as an engine or a person's actions; to strangle or choke someone or something; (noun) a mechanism or device that controls the flow of fuel or power to an engine, regulating its speed or power output
44. Later, his claim was found to be _____ false.
- adv.* completely
45. The factory's use of chemicals has made it a significant _____ in the area.
- n.* a substance or agent that pollutes or contaminates the environment, typically through release into the air, water, or soil

ANSWERS: 39. environment, 40. formerly, 41. nurture, 42. biomass, 43. throttle, 44. entirely, 45. pollutant

46. Human conservation efforts often fail unexpectedly because they disturb the balance of the _____.
- n.* all the plants and living creatures in an area and the way they affect each other and the environment
47. _____ prevalent in hospitals are often resistant to antibiotics.
- n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
48. The _____ is endangering the local plants and animals.
- n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
49. He has _____ exercising because of a back injury sustained in an accident.
- n.* a condition or state that causes problems
50. One such rapidly growing _____ is quantum cryptography.
- n.* an idea or principle associated with something abstract
51. The astronaut trained for years before embarking on her _____ to the International Space Station.
- n.* a long journey, especially by sea or in space
52. The fog _____ the city, making it difficult to see.
- v.* to surround and cover completely; to encase
53. Her _____ room was cluttered with clothes and books.
- adj.* not neat or organized; messy; lacking order or tidiness in appearance or arrangement

ANSWERS: 46. ecosystem, 47. Bacteria, 48. pollution, 49. difficulty, 50. concept, 51. voyage, 52. enveloped, 53. untidy

54. Higher _____ requires additional equipment and energy.
- n.* the state of being undiluted or unmixed with anything else; the state of being free from immorality, especially of a sexual nature
55. Four companies were amalgamated into a single _____.
- n.* a large company or group of companies that are controlled together by law as a single unit
56. The golf course has special _____ for smoothing out the sand traps.
- n.* a garden tool with a long handle and curved, pointed teeth used for gathering fallen leaves, grass clippings, and other debris from lawns and gardens; a dissolute or immoral person, often one who pursues pleasure and debauchery to excess
57. The truth was more _____ than expected.
- adj.* very strange or unusual
58. 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
59. The surgeon made an incision in the _____ of the patient's heart.
- n.* a large room used for a formal, public, or particular purpose; one of the parts of a parliament
60. The _____ on the pipeline was leaking, so maintenance had to shut it off to make repairs.
- n.* a device for controlling the flow of a fluid or gas through a pipe or duct by means of a movable part that opens, closes, or restricts the opening

ANSWERS: 54. purity, 55. corporation, 56. rakes, 57. bizarre, 58. develop, 59. chambers, 60. valve

61. He wandered the _____ between life and death by gunfire.
n. a real or imaginary line that marks the limit or extent of something and separates it from other things or places
62. My ____ always knew how to comfort me when I was feeling down.
n. a British term for "mom" or "mother"; (adjective) failing to speak or communicate when expected to do so
63. Her _____ interpretation of the text caused her to miss the deeper meaning behind the author's words.
adj. adhering strictly to the exact meaning or interpretation of words or language; without exaggeration or metaphorical meaning
64. The _____ of the earth is divided into several layers including the crust, mantle, and core.
n. a round object or geometric shape that is three-dimensional and symmetrical around a central point; a particular aspect or scope of life or activity
65. 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
66. 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
67. The third season of the anime show has been _____.
v. to make something known or officially inform people about something

ANSWERS: 61. boundary, 62. mum, 63. literal, 64. sphere, 65. circulation, 66. seawater, 67. announced

68. The birds live in tropical forests, _____ and arid semi-desert environments.
- n.* a mixed forest and grassland ecosystem where the trees are far enough apart that the canopy doesn't close
69. I need to pick up some groceries, toiletries, and _____ at the store.
- n.* unspecified or unimportant objects, things, or details; miscellaneous items or things; a small, open shelving unit or stand used for displaying various objects or curios
70. _____ a society is an organism.
- adv.* relating to the essential features or concepts of anything
71. The feudal _____ had ruled the land for many years.
- n.* a person who has general authority, control, or power over others; a man of noble rank or high office
72. Many people find that regular _____ practice can help reduce stress and anxiety.
- n.* a Hindu spiritual and ascetic discipline including breath control, simple meditation, and the adoption of specific bodily postures, which is widely practiced for health and relaxation
73. He should _____ more with his colleagues.
- v.* to communicate or react with somebody
74. The kidney is an _____ component of the body.
- adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
75. The live-in _____ came in to clean the room every day.
- n.* a girl or young woman employed to do domestic work

ANSWERS: 68. savannahs, 69. whatnot, 70. Essentially, 71. lord, 72. yoga, 73. interact, 74. organic, 75. maid

76. The _____ supplied water for early farms until the modern age.
- n.* a fertile land in a desert or semi-desert environment where there is water and therefore plants and trees and sometimes a village or town
77. She is considered a _____ of beauty and grace in her community.
- n.* a person or thing that is regarded as a perfect example of a particular quality or characteristic; a model of excellence or perfection
78. He approved their requests to _____ the jury.
- v.* to take temporary possession of someone's property until a debt is paid.
79. The rabbit _____ over the fence.
- v.* to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.
80. I asked the lawyer to initiate _____ negotiations for voluntary liquidation.
- n.* a person, company, etc. to whom a debtor owes money
81. It is essential to keep these two issues _____.
- adj.* noticeable from something else of a similar type
82. The _____ hypothesis suggests that humans have an innate love for nature and a desire to connect with other living systems.
- n.* a deeply ingrained human affinity or love for the natural world and living organisms coined by biologist E.O. Wilson, which refers to the innate connection and attraction humans have toward nature
83. The shredder in the print room often has paper _____.
- n.* a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit

ANSWERS: 76. oasis, 77. paragon, 78. sequester, 79. hopped, 80. creditor, 81. distinct, 82. biophilia, 83. jams

84. The _____ trees are known for their ability to survive in saltwater and sandy soil.
- n.* a tropical coastal tree or shrub that grows in saline soil and has prop roots that help to stabilize it
85. The smell of fresh ____ trees filled the air at the Christmas tree farm.
- n.* a type of tall evergreen tree that is native to the northern hemisphere, with needle-like leaves and cones that stand upright on the branches
86. The rain and thunder are _____ today.
- adj.* stupid or not sensible; very angry
87. Well-stretched muscles are less _____ to injury.
- adj.* easily influenced, harmed, or affected by something
88. The food chain causes a material _____.
- n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
89. My father's death _____ my life completely.
- v.* to change in outward structure or looks;
90. He was known to be very _____ and would often work late into the night.
- adj.* hardworking, diligent, and persistent in effort
91. She mixed flour, yeast, sugar, and water to make _____ for the bread.
- n.* a mixture of flour, liquid, and other ingredients, typically used to make bread, pastry, or pasta

ANSWERS: 84. mangrove, 85. fir, 86. crazy, 87. susceptible, 88. cycle, 89. transformed, 90. industrious, 91. dough

92. 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

93. She was _____ when she found out she got the job she had hoped for.

adj. extremely happy, joyful, or excited, often as a result of success or achievement

94. Several cities are experiencing _____ high unemployment rates.

adv. in a way that is very difficult to believe; exceedingly or extremely

95. We should do our best not to _____ the environment.

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

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

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

97. He is the kind of _____ who only works for his success.

adj. someone who has the same job or interests as you, or is in the same class, profession, or situation as you

98. The farmer trucked in some fresh _____ to improve the fertility of his fields.

n. the upper layer of soil that contains most of the nutrients and organic matter and is important for plant growth and cultivation; a shallow, loose layer of soil that can be easily removed or displaced by wind, water, or other factors

99. This bridge is the third largest _____ bridge in the world.

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

ANSWERS: 92. carbon, 93. elated, 94. incredibly, 95. pollute, 96. decide, 97. fellow, 98. topsoil, 99. steel

100. 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
101. He grows vegetables in his _____.
- n.* a whole space behind and belonging to a house
102. The company has a strict _____ for handling sensitive information to ensure security.
- n.* a set of rules or procedures for transmitting data or conducting a process or activity, especially in computer networks or scientific experiments; the initial or original version of an agreement
103. He _____ jumped out of his chair when he heard the news.
- adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively
104. She is wearing a _____ necklace.
- n.* a rock-like substance created in the sea by groupings of specific types of small animals, commonly used in jewelry
105. We played _____ in the park until it got too dark.
- n.* a popular children's game in which one player closes their eyes for a brief period of time while the other players hide
106. Drinking may _____ the beneficial effects of the drug.
- v.* to make something ineffective or null; to deny the truth of something
107. The news of her sudden death was _____ to everyone who knew her.
- adj.* surprising or shocking; difficult to believe

ANSWERS: 100. pump, 101. backyard, 102. protocol, 103. literally, 104. coral, 105. hide-and-seek, 106. negate, 107. astonishing

108. We watched a _____ of the upcoming movie before it was released in theaters.
- n.* an early look or showing of a movie, book, or other creative work before its official release or presentation; a brief overview or introduction of something
109. The former _____ owner struggled to adjust to life without the enslaved people that once worked for him.
- n.* a large farm or estate, typically in a tropical or subtropical country, used for growing cash crops
110. He stood to inherit a million-dollar _____.
- n.* a thing or things that belong to someone
111. The president asked for a more _____ plan.
- adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
112. The conditions of the prison were _____ and inhumane.
- adj.* very bad, unpleasant, or causing fear
113. 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
114. I am _____ about the safety of the children playing in the park.
- adj.* feeling worry or interest about something; showing interest or attention
115. The epic _____ of the family's journey through time captivated readers worldwide.
- n.* a long, detailed story or account of heroic deeds, family history, or notable events, often consisting of a series of connected episodes

ANSWERS: 108. preview, 109. plantation, 110. property, 111. concrete, 112. dreadful, 113. atmosphere, 114. concerned, 115. saga

116. Gold is a _____ metal that can be easily shaped into different forms.

adj. able to be easily shaped, molded, or manipulated, particularly in a physical or metaphorical sense; capable of being adapted or changed according to different circumstances or situations

117. The audience _____ when the magician made the rabbit disappear from the hat.

v. to inhale sharply and audibly, often in response to strong emotion or sensation; to catch one's breath suddenly, often due to shock or surprise

118. He enjoyed hearing the tootles of their _____ with beer.

n. a hard, pointed, often curved part that grows on the top of the heads of some animals, such as sheep and cows; a noisemaker or musical instrument that makes a loud noise when you blow through it

119. The recent economic downturn has resulted in _____ layoffs.

adj. enormous amount; very heavy and solid

120. _____ is the foundation of our economy.

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

121. This region is predominantly _____.

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

122. He planted the _____ in the soil and waited for it to sprout.

n. a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant

123. The farm covers over 200 _____ of land.

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

ANSWERS: 116. malleable, 117. gasped, 118. horns, 119. massive, 120. Agriculture, 121. desert, 122. seed, 123. acres

124. The scratches on the car _____ its otherwise perfect appearance.
v. to damage or spoil the appearance or surface of something
125. The bridge is a _____ structure and was built to span the river.
adj. created or produced by humans; artificial
126. The _____ bike ride was fun for the couple to enjoy together.
n. a device or arrangement that allows two or more things to be connected or work together in a coordinated manner; a bicycle built for two people to ride in a line, with one behind the other
127. The rocket's front _____ falls off.
n. one component of a larger entity
128. The mistake was _____ and made in good faith.
adj. not done or made on purpose; accidental
129. The freshwater _____ was home to many different types of fish and was a popular spot for fishing.
n. a small, shallow lake
130. The grandparents take care of their _____ while the parents are at work.
n. a child of someone's son or daughter
131. My _____ standards are quite different from hers.
adj. connected with the enjoyment or study of beauty
132. The farmer grew _____ on his land.
n. a cereal plant that is the most important kind grown in temperate countries, the grain of which is ground to make flour for bread, pasta, pastry, etc

ANSWERS: 124. marred, 125. human-made, 126. tandem, 127. portion, 128. unintentional, 129. pond, 130. grandchild, 131. aesthetic, 132. wheat

133. The fishing reel had a _____ that made it easy to reel in the catch.

n. a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person

134. I found an old _____ of my grandparents from their wedding day.

n. a picture or image that is produced by a camera; a visual representation or record of a person, object, or scene that has been captured electronically or on film

135. He ate the dried _____ he had preserved.

n. a sweet and soft edible fruit with many seeds or a tree on which these grow

136. That adventurer traveled in _____ of buried treasure.

n. a long or challenging search for something

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

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

138. Sleep _____ is a severe condition that causes a person to stop breathing while asleep.

n. a temporary cessation of breathing, especially during sleep; a medical condition characterized by the repeated occurrence of such interruptions

139. 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

140. The seafood restaurant had a variety of dishes featuring _____.

n. a small, freshwater or saltwater creature with a slender body and long legs

ANSWERS: 133. crank, 134. photograph, 135. figs, 136. quest, 137. awful, 138. apnea, 139. greenhouse, 140. shrimp

141. The vessel ran aground on a _____.

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

142. The garbage can in the kitchen has been producing an _____ smell for days.

adj. causing annoyance, frustration, or exasperation; provoking impatience or irritation

143. He _____ the heavy suitcase behind him as he walked.

v. to pull or haul with force

144. 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

145. The army conducted _____ operations to secure the border area.

adj. relating to, inhabiting, or characteristic of a river or rivers; located or occurring along the banks or within the vicinity of a river

146. We packed and shipped the product in _____ containers.

adj. closed or secured with

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

n. the top layer of Earth in which plants grow

148. The scenery of the battlefield was _____ and grey.

adj. empty, simple, or apparent; devoid of any qualifications

149. The plague was a _____ that killed millions of people.

n. a person or thing that causes great suffering or destruction; (verb) to punish someone severely

ANSWERS: 141. reef, 142. irritating, 143. dragged, 144. irrigate, 145. riverine, 146. sealed, 147. Soil, 148. stark, 149. scourge

150. Underground rivers flow over a _____ layer that is impervious to water.
n. a room or a part of a building that is partly or entirely below ground level
151. The _____ of this bird is freshwater areas and saltwater marshes.
n. the type of natural environment in which an organism or group usually lives or occurs
152. Environmentalists are concerned about the harm to the _____.
n. a type of land that is always wet and has soft soil; swamp or bog
153. The invention of the camera triggered the development of _____ painting.
adj. based on general ideas, feelings, or qualities and not on any a physical or concrete existence
154. Large earthquakes often generate _____ tsunamis.
adj. very frightening or intimidating
155. He bated his _____ when talking about this affair.
n. the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
156. Carbon has an _____ mass of 12.
adj. of or relating to atom (= the smallest component of an element)
157. The _____ is about 13.8 billion years old.
n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
158. The new software will streamline the workflow, _____ increasing productivity.
adv. as a result; consequence of a particular action or set of conditions

ANSWERS: 150. basement, 151. habitat, 152. marsh, 153. abstract, 154. terrifying, 155. breath, 156. atomic, 157. universe, 158. thereby

159. He took a deep breath and slowly began to _____.

- v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently

160. He has terminal _____ cancer.

- n.* either of the two organs in the chest that people and some animals use for breathing

161. He sniffed the _____ voluptuously.

- n.* a liquid that emits and diffuses a pleasant smell, usually used on the skin

162. Make sure to apply _____ before going to the gym.

- n.* a product applied to the body, typically under the arms, that helps to eliminate or mask unpleasant body odor

163. 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

164. Her response revealed _____ idiocy.

- adj.* unbelievable; enormous

165. The _____ bus will take you to the airport in 15 minutes.

- n.* a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp threads

166. A power outage _____ after the storm knocked out the electricity.

- v.* to happen or follow as a result or consequence of something

ANSWERS: 159. exhale, 160. lung, 161. perfume, 162. deodorant, 163. planet, 164. incredible, 165. shuttle, 166. ensued

167. The ____ deadline for submitting the project is tomorrow, so we need to work efficiently to finish on time.

adj. resolute or unwavering in decision-making or action; strong or secure in structure, make, or composition; reliable, trustworthy, or dependable; (noun) a business or company

168. During colonial eras, new migratory patterns _____.

v. to move out of or away from something and become visible

169. 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

170. He finally _____ to temptation.

v. to fail to oppose something, such as desire, pressure, or some other opposing force; to die or suffer badly from the effect of a disease or injury

171. Her _____ as a philanthropist will live on for generations to come.

n. something that is handed down from an earlier generation or time, often something that has had a significant impact on subsequent generations; a bequest made by a person in their will, often money or property

172. ____ has jammed the inlet to the water turbine.

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

173. The marine _____ manufacturer demonstrated their newest hydroplane.

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

174. The ____ of smoke from the candle added to the room's cozy ambiance.

n. a thin, delicate strand or vestige of something, such as smoke, vapor, or a piece of hair; a faint, barely perceptible indication or hint of something; a small creature or fairy, often depicted as a hovering, translucent figure

ANSWERS: 167. firm, 168. emerged, 169. stink, 170. succumbed, 171. legacy, 172. Algae, 173. aircraft, 174. wisp

175. You can add coffee grounds and crushed eggshells to your _____ to improve the pH balance.

- n.* a mixture of organic matter, such as food scraps, yard waste, and manure, that is allowed to decompose and is used as fertilizer for plants and garden soil

176. The _____ by the citizen resulted in a redistribution of wealth.

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

177. We all should learn how to _____ stress.

- v.* to deal with a situation, problem, or strong emotion

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

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

179. The children tried to _____ out and eat the candy.

- v.* to go somewhere, or take someone or something somewhere secretly or stealthily; to steal or do something secretly or stealthily

180. The people tried to _____ to oust the tyrant.

- n.* to take violent action against authority, especially government or ruler

181. During _____ farmers are incredibly busy.

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

182. Sow early for an early _____.

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

ANSWERS: 175. compost, 176. revolution, 177. handle, 178. dinosaur, 179. sneak, 180. revolt, 181. harvest, 182. crop

183. His abusive words made me _____.

adj. providing or feeling physical discomfort or slight pain

184. I must install a new programming _____ for my computer program to function properly.

n. a self-contained unit or component of a larger system or structure; a standardized unit of computer hardware or software designed to perform a specific function

185. The extensive use of _____ in agriculture has raised concerns about environmental impact.

n. a substance or agent that is capable of killing or inhibiting the growth of living organisms, especially those that are considered harmful or undesirable

186. The gun _____ with a loud bang.

v. to spring or flinch back, as in surprise, fear, or pain

187. The defendant gave a _____ and accurate description of the accident.

adj. easy to do or understand, or simple; free from ambiguity

188. The penny fell _____ the piano.

adv. under or below something else

189. The passenger grabbed for the _____ mask.

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

190. These birds can only _____ in temperate climates.

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

ANSWERS: 183. uncomfortable, 184. module, 185. biocides, 186. recoiled, 187. straightforward, 188. underneath, 189. oxygen, 190. survive

ANSWERS: