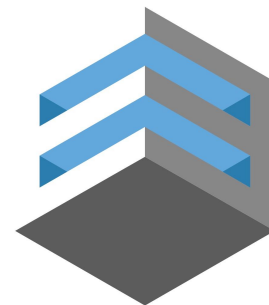


Englist.me



Vocabulary Builder Reference from...

James Irungu Mwangi: Africa's great carbon valley -- and how to end energy poverty | TED Talk

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

All Words

IMPORTANT

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

Session 1: Word List

- hell** *n.* the place thought to be where bad people go and are punished after death, often depicted as being located beneath the earth; an extraordinarily unpleasant or difficult place
synonym: inferno, agony, misery
(1) run like **hell**, (2) **hell** broke loose
The battlefield became **hell** on earth.
- frame** *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
synonym: body, skeleton, scaffolding
(1) a picture **frame**, (2) the **frame** of the policy
The detective looked for fingerprints on the window **frame**.
- 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.
- morbid** *adj.* characterized by a preoccupation with death or unhealthy topics or behaviors; gruesome or disturbing
synonym: unhealthy, sickly, gruesome

(1) **morbid** fascination, (2) **morbid** joke

The decayed and **morbid** atmosphere of the abandoned house scared her.

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.

appropriate

adj. suitable or proper in the circumstances; fitting

synonym: fitting, suitable, proper

(1) **appropriate** behavior, (2) an **appropriate** time

It would be **appropriate** to dress nicely for the wedding.

climate

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

synonym: atmosphere, weather, environment

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

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

rift

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

synonym: split, break, gap

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

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

valley

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

synonym: canyon, gorge, dale

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

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

scream

v. to give a loud, high shout suddenly, especially because of fear, anger, excitement, etc.; to utter or declare in a very loud voice

synonym: cry, shout, yell

(1) **scream** a profanity, (2) **scream** at him to be quiet
She kept **screaming** for an ambulance.

trap

n. a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping

synonym: catch, snare, pinfall

(1) set a **trap**, (2) **trap** an animal
The enemy fell right into the **trap**.

crucial

adj. extremely vital or necessary

synonym: essential, pivotal, vital

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

catastrophe

n. a sudden event that causes extreme ruin and misfortune

synonym: disaster, calamity, cataclysm

(1) **catastrophe** risk management, (2) avoid climate **catastrophe**

The lack of funds has resulted in a **catastrophe** for our university system.

humanity

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

synonym: humankind, society, human race

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

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

emission

n. the act of production or sending out gas, heat, light, etc.

synonym: emanation, radiation, discharge

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

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

realistic

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

synonym: practical, pragmatic, down-to-earth

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

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

unacceptably

adv. in a way that is not acceptable or satisfactory

synonym: improperly, unsatisfactorily, inadequately

(1) **unacceptably** high prices, (2) **unacceptably** poor

The restaurant's service was **unacceptably** slow.

drastic

adj. radical and extreme; likely to have a significant or far-reaching impact

synonym: extreme, fierce, radical

(1) **drastic** measures, (2) make **drastic** revision

The global community is undergoing **drastic** changes at present.

halve

v. to divide something into two equal parts; to reduce something by half its original amount or size

synonym: reduce by half, cut in half, split

(1) **halve** the price, (2) **halve** the workload

I need to **halve** the recipe to make just enough for two people.

undertake

v. to do or begin to do something, such as an enterprise or responsibility

synonym: assume, take on, embark

(1) **undertake** an enterprise, (2) **undertake** routine duties

Young people in this country should **undertake** military duties.

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.

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.

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**.

accelerate

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

synonym: speed up, quicken, rev

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

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

removal

n. the act of taking something away or off from a particular place

synonym: extraction, elimination, eradication

(1) dental tartar **removal**, (2) **removal** truck

The **removal** of the statue caused much controversy in the community.

excuse

- n.* a reason or explanation, either true or invented, given to justify a fault or defend your behavior; (verb) to make someone free from blame or clear from guilt

synonym : apology, justification, reason

- (1) **excuse** for inaction, (2) perfect **excuse**

He quickly fabricated an **excuse** for not attending the meeting.

emit

- v.* to give off or send out something such as light, heat, sound, gas, etc.

synonym : give off, radiate, expel

- (1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking sound.

install

- v.* to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position

synonym : establish, inaugurate, lodge

- (1) **install** a door, (2) **install** a chairperson

The new president was **installed** immediately after the national election.

belt

- v.* to sing loudly and forcefully; to hit someone or something hard; (noun) a strip of leather or other material worn to tie or buckle something around the body

synonym : sing, hit hard, (noun) strap

- (1) **belt** him in the face, (2) leather **belt**

The band was **belting** out old songs in response to audience requests.

airbag

- n.* a safety device designed to inflate rapidly in the event of a collision, protecting the occupants of a vehicle and reducing the risk of injury or death

synonym : air cushion, safety bag, crash bag

- (1) defective **airbag**, (2) **airbag** deployment

The **airbag** system in the car saved the driver's life in a severe crash.

deliberately

adv. done in an intentional or slow and careful manner

synonym: intentionally, knowingly, willfully

(1) **deliberately** amateurish, (2) commit a crime

deliberately

He **deliberately** misleads others.

ram

v. to strike or push forcefully, often to cause damage; to batter or break open a door or barrier using brute force

synonym: crash, collide, slam

(1) **ram** the door open, (2) **ram** into the ice

The car **rammed** into the wall, causing significant damage.

estimate

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

synonym: calculate, gauge, evaluate

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

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

reduction

n. a decrease in size, amount, or degree

synonym: diminution, decrease, cutback

(1) **reduction** strategy, (2) a gradual **reduction**

The **reduction** in carbon emissions has been significant since the implementation of the new policy.

carbon

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

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

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

oxide

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

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

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

petroleum

n. a flammable liquid consisting of a complex mixture of hydrocarbons that occurs naturally in certain rock formations and can also be refined to produce fuels such as gasoline, diesel, and jet fuel

synonym: oil, crude oil, fossil fuel

(1) liquefied **petroleum** gas, (2) crude **petroleum**

The country's economy relies heavily on its **petroleum** industry.

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.

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.

damn

v. to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger

synonym: curse, condemn, denounce

(1) **damn** the consequences, (2) **damn** with faint praise

The company's poor financial performance is likely to **damn** the CEO's chances of being re-elected to the board.

intervention

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

synonym: interference, intercession, treatment

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

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

reforestation

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

synonym : afforestation

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

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

landscape

n. an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

synonym : geography, terrain, topography

(1) a peaceful **landscape**, (2) **landscape** painting

Recent electoral shocks have shaken the political **landscape** in Europe.

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.

heal

v. to make a wound or injury to become well again

synonym : recover, bring around, mend

(1) **heal** a broken bone, (2) **heal** the hurt mind

It will take time for her mental scars to **heal**.

addition

n. the act or process of adding something to something else; the process of adding numbers

synonym : accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors

In **addition**, private corporations provide healthcare services.

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.

widespread

adj. existing or happening in various places or among many people

synonym: across-the-board, overall, general

(1) **widespread** use, (2) **widespread** fear of nuclear war

In medieval times, death punishment was **widespread** and socially accepted.

biochar

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

synonym: biocharcoal, charcoal

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

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

enhance

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

synonym: improve, enrich, refine

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

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

chemical

adj. relating to or connected with chemistry;

synonym: chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound

The firm has grown into a large **chemical** manufacturing.

suitable

adj. fit or appropriate; proper; adapted

synonym: appropriate, fitting, proper

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

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

extent

n. the point or degree or area to which something extends
synonym: amount, degree, intensity

(1) certain **extent**, (2) the **extent** of the damage
I was amazed at the **extent** of her generosity.

moreover

adv. indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before

synonym: furthermore, besides, in addition

(1) **moreover**, she decided to go, (2) but **moreover**, they work well together

The company is environmentally conscious, and **moreover**, it uses sustainable materials in its products.

loop

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

synonym: circle, curl, spiral

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

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

frequent

adj. happening constantly

synonym: periodic, recurring, routine

(1) **frequent** absence, (2) **frequent** use

His heartaches are less **frequent** now.

intense

adj. (especially of a feeling) very strong; extremely sharp or severe

synonym: extreme, fierce, harsh

(1) **intense** heat, (2) develop **intense** itching

That statement by the prime minister drew **intense** international criticism.

wildfire

n. a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope

synonym : blaze, bonfire, flame

(1) **wildfire** spread, (2) arson-caused **wildfire**

The **wildfire** destroyed hundreds of homes and forced thousands of people to evacuate.

supplement

n. something that is added to something else to make it better or complete it

synonym : complement, addendum, accessory

(1) wage **supplement**, (2) use of dietary **supplements**

Certain **supplements** may promote tumor growth.

amplify

v. to enhance something, particularly sound or brightness

synonym : intensify, boost, argument

(1) **amplify** a signal, (2) **amplify** the effect

You might need to **amplify** this point.

engineer

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

synonym : architect, creator, builder

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

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

biology

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

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

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

concentration

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

synonym : attention, engagement, assiduity

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

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

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.

underground

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

synonym: subterranean, subsurface, confidential

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

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

mathematics

n. the science dealing with the logic of quantities, shapes, spaces, and arrangement

synonym: arithmetic, calculation, calculus

(1) a good grounding in **mathematics**, (2) **mathematics** competition

He has a flair for **mathematics**.

invest

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

synonym: fund, sponsor, support

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

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

committed

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

synonym: devoted, faithful, attached

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

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

pilot

n. a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water

synonym: aviator, flyer, chief

(1) a test **pilot**, (2) **pilot** production

The **pilot** exercised great care in landing.

installation

n. the act or process of fixing furniture, a machine, or a piece of equipment into position so that it can be used; the act or process of putting into an office or a position

synonym: induction, introduction, furnishing

(1) **installation** fee, (2) a medical **installation**

The Queen attested the **installation** of state ministers to their portfolios.

epic

n. a long and eventful or heroic history, story, poem, or film; (adjective) very imposing or impressive

synonym: legendary, mythical, classical

(1) heroic **epic**, (2) **epic** battle

The military **epic** between the two armies was one for the history books.

exponential

adj. becoming more and more rapid; of or involving mathematical exponents

(1) **exponential** growth, (2) **exponential** function

Since the 1990s, the Internet has continued to experience **exponential** growth.

probable

adj. likely to happen or likely to be true

synonym: likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire

It seems **probable** that he has forgotten our scheduled meeting.

calculator

n. a small electronic device for making arithmetic calculations

synonym: computer, machine, estimator

(1) **calculator** app, (2) analog **calculator**

I left my alpha **calculator** at home, so I had to borrow one from a classmate to finish my math homework.

insane

adj. extremely stupid, crazy, or dangerous; mentally ill

synonym: crazy, mad, foolish

(1) go **insane** with pleasure, (2) an **insane** scheme

Her excessive demands drove me **insane**.

capture

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

synonym: catch, arrest, imprison

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

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

facility

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

synonym: building, structure, installation

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

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

inaugurate

v. to formally begin or initiate something, particularly a new project, organization, government, or system, often through an official ceremony

synonym: initiate, launch, commence

(1) **inaugurate** an enterprise, (2) **inaugurate** a new policy

The president will **inaugurate** the new embassy building next week.

geothermal

adj. relating to or produced by the internal heat of the earth; often used to refer to energy produced by tapping into the natural heat of the earth

synonym: underground, thermal, subterranean

(1) **geothermal** activity, (2) **geothermal** drilling

The town is exploring using **geothermal** energy to power its

homes and buildings.

dissolve

v. to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

synonym: disband, disappear, liquefy

(1) **dissolve** the sugar, (2) officially **dissolved** the marriage
The political party **dissolved** after much internal fighting.

inject

v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

synonym: shoot, infiltrate, insinuate

(1) **inject** under the skin, (2) **inject** a personal opinion into a debate

Let's try to **inject** a bit of enthusiasm into your performance.

porous

adj. having many small holes and being able to absorb or pass through fluids

synonym: permeable, spongy, absorbent

(1) **porous** materials, (2) **porous** membrane

Our unfenced and largely unpoliced border inevitably has been very **porous** for insurgents.

basalt

n. a dark, fine-grained volcanic rock that forms from the solidification of lava

synonym: volcanic rock, lava, igneous rock

(1) **basalt** rock, (2) **basalt** glass

The hiking trail was lined with towering **basalt** columns.

react

v. to take action in response to something

synonym: respond, reply, oppose

(1) **react** at a high temperature, (2) **react** against his way of thinking

How did he **react** to your idea?

stable

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

synonym: sturdy, unmoving, durable

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

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

solid

adj. hard or firm; characterized by good substantial quality

synonym: stable, reliable, hard

(1) **solid** ally, (2) **solid** employment measures

The **solid-state** of water is called ice.

equivalent

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

synonym: equal, counterpart, match

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

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

watt

n. a standard unit for measuring electrical power

(1) 30- **watt** light bulb, (2) **watt** per square meter

Several hectares of land are needed to generate more than 1-mega **watt** solar power.

render

v. to bring someone or something into a particular state; to provide something such as service, help, etc.

synonym: deliver, give, provide

(1) **render** an assessment, (2) **render** the contract void

The jury must **render** a decision on this complex case.

entail

v. to involve or require something as necessary, particularly as a consequence of a particular situation or action; to impose a burden or restriction on something

synonym: involve, necessitate, require

(1) **entail** legal consequences, (2) **entail** risks

The job offer **entails** a lot of responsibility and hard work.

electrify

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

interested in something

synonym : wire, amaze, astonish

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

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

renewable

adj. capable of being renewed, extended, or replaced

synonym : sustainable, replaceable

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

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

assume

v. to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

synonym : guess, presume, suppose

(1) **assume** a lousy attitude to his boss, (2) **assume** an important role

The following example **assumes** that the capacity of each battery is the same.

substantial

adj. fairly large in size, value, or importance

synonym : significant, notable, actual

(1) a **substantial** amount of capital, (2) have a **substantial** meal

The pandemic was a **substantial** business opportunity for certain companies.

improve

v. to make or become better

synonym : enhance, ameliorate, enrich

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

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

efficiency

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

synonym : effectiveness, efficacy, productivity

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

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

deploy

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

synonym : set up, expand, launch

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

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

urgent

adj. requiring immediate attention or action; pressing

synonym : pressing, critical, immediate

(1) an **urgent** telegram, (2) **urgent** situation

It is **urgent** that we leave for the airport now to catch our flight.

fossil

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

synonym : relic, remnant, antediluvian

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

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

fuel

n. a substance that is typically burned to generate heat or energy

synonym : energy, power, gas

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

The **fuel** scarcity most severely impacted the manufacturing sector

curtail

v. to reduce or restrict something; to shorten or truncate; to cut short or bring to an abrupt end

synonym : restrict, limit, cut back

(1) **curtail** spending, (2) **curtail** freedom

Due to budget constraints, the company had to **curtail** its marketing campaign for the new product.

stream

n. a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.

synonym: flow, current, brook

(1) the **stream** of time, (2) an endless **stream** of cars

Jet **streams** are the common name for air currents that form high in the atmosphere.

displace

v. to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation

synonym: evict, exile, remove

(1) **displace** workers, (2) **displace** the explosive power

The construction of the new dam will **displace** hundreds of families living downstream.

retiring

adj. withdrawing from a position or activity, or becoming more secluded or reserved

synonym: shy, leaving, quitting

(1) near **retiring** age, (2) a **retiring** pension

The **retiring** CEO passed on the reins to his successor.

stick

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

synonym: pierce, adhere, stay

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

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

urgently

adv. in a way that requires immediate action or attention, especially before anything else, because of being very important

synonym: promptly, immediately, swiftly

(1) tackle the problem **urgently**, (2) **urgently** required

I need to send this email **urgently**.

expense

n. the money, time, or effort incurred or required for something

synonym: cost, expenditure, outlay

(1) enormous **expenses**, (2) **expense** account

For this project to be successful, we must control **expenses** strictly.

imperative

adj. very important or requiring attention or action

synonym: compulsory, binding, critical

(1) moral **imperative**, (2) **imperative** need

It is **imperative** for politicians to be effective communicators.

characteristic

n. a typical feature or quality that can identify, tell apart, or describe something or somebody

synonym: feature, quality, attribute

(1) stripes **characteristic** of the zebra, (2) my friend's **characteristic** laugh

Bananas have their **characteristic** taste and odor.

geophysical

adj. relating to the physical characteristics and processes of the Earth and its surrounding atmospheres, such as geology, meteorology, and oceanography

synonym: geologic, earth science, seismic

(1) **geophysical** exploration, (2) **geophysical** data

Geophysical surveys study the physical characteristics of the Earth's surface and subsurface.

zone

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

synonym: area, region, territory

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

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

proximate

adj. very near or close, either in space or time; immediately preceding or following something

synonym: immediate, closest, nearest

(1) **proximate** region, (2) **proximate** location

The **proximate** cause of the accident was the driver texting on their phone.

constitute

v. to be the essential or fundamental elements or parts of something; to establish, appoint, or assign someone to a particular office or position; to make up or compose something

synonym: comprise, form, make up

(1) **constitute** a threat, (2) **constitute** a majority

The new regulations **constitute** a significant change in the industry standards.

dispatch

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

synonym: send, release, kill

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

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

grid

n. a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region

synonym: gridiron, battery grid, power system

(1) a **grid** design, (2) a wire **grid**

Grid pattern roads often appear in urban areas.

seamless

adj. without spaces or breaks between one part and the next

synonym: smooth, continuous, unseamed

(1) enable **seamless** access, (2) **seamless** device connectivity

The service was **seamless**, and the food was quite delicious.

integrate

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

synonym: mix, merge, combine

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

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

honest-to-goodness

adj. genuine; true in a real, authentic sense; not false or phony

synonym: genuine, true, bona fide

(1) **honest-to-goodness** truth, (2) an **honest-to-goodness** mistake

I want an **honest-to-goodness** relationship with someone who truly cares.

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.

herd

n. a group of animals of the same type that live or are kept together as livestock

synonym: flock, brood, horde

(1) **herd** of cattle, (2) the common **herd**

He was riding **herd** on the sheep during the day.

zebra

n. a wild, horse-like mammal native to Africa with distinctive black-and-white stripes

synonym: striped horse, wild horse

(1) **zebra** pattern, (2) **zebra** crossing

The **zebra's** distinctive black and white stripes help it blend into its surroundings in the wild.

peaceful

adj. not involving violence, conflict, or war

synonym: friendly, pacific, amicable

(1) **peaceful** country, (2) **peaceful** coexistence

Plutonium has limited **peaceful** applications.

graze

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

synonym: nibble, feed, scrape

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

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

amazing

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

synonym: exceptional, extraordinary, wonderful

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

The golfer recorded an **amazing** distance.

sneeze

- v. to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants

synonym: exhale, whiff, blow

(1) **sneeze** into my hand, (2) **sneeze** loudly

Whenever I get a cold, I tend to **sneeze** a lot.

scratch

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

synonym: claw, rub, scrape

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

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

tap

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

synonym: knock, exploit, use

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

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

endow

- v. to give a quality, ability, or asset to a person or institution

synonym: finance, subsidize, support

(1) **endow** him with the power, (2) **endow** the scholarship

Some people believe that human is **endowed** with reason and capable of distinguishing good from evil.

exploit

v. to make full use of and gain an advantage from resources, opportunities, etc.

synonym: use, abuse, control

(1) **exploit** a security hole, (2) **exploit** a valuable opportunity

We **exploit** our mining resources to strengthen our national power.

equator

n. an line of latitude that separates Earth's northern and southern hemispheres and has a radius of around 40,075 kilometers (24,901 miles)

(1) south of the **equator**, (2) above the **equator**
Ecuador is on the **equator**.

conservative

adj. holding traditional views and values and opposed to change or innovation

synonym: traditional, reactionary, cautious

(1) a **conservative** society, (2) **conservative** about production

He always makes a **conservative** estimation when predicting future sales.

progression

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

synonym: advancement, development, evolution

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

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

quarter

n. one of four equal parts; a fourth part or portion

synonym: fourth, one-fourth

(1) a **quarter** mile, (2) end of the first **quarter**

The unemployment rate in the first **quarter** was 2.3

percentage points higher than in the previous.

counterpart

n. a person or thing that corresponds to or has the same function as another person or thing

synonym: equivalent, analogue, match

(1) **counterpart** agreement, (2) negotiating **counterpart**

His **counterpart** in the other company is responsible for marketing.

conversation

n. an informal talk between two or more people to exchange their views, ideas, information, etc.

synonym: chat, discussion, dialogue

(1) **conversation** in English, (2) a friendly **conversation**

Your **conversation** reflects your thoughts.

fancy

v. to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy

synonym: imagine, visualize, (noun) fantasy

(1) **fancy** a cup of coffee, (2) a flight of **fancy**

I don't **fancy** acting in such an important role.

technological

adj. based on scientific and industrial progress

synonym: specialized, technical

(1) **technological** advancement, (2) **technological** policy

Technological advances have disrupted many industries.

affordable

adj. not expensive and able to pay

synonym: cheap, reasonable, inexpensive

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

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

cruel

adj. feeling or showing pleasure in causing pain or suffering to others

synonym: heartless, sadistic, vicious

(1) a **cruel** and unusual punishment, (2) **cruel** joke
The dictator was known for his **cruel** and oppressive regime.

paradox

n. a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;

synonym: incongruity, dichotomy, contradiction

(1) French **paradox**, (2) the **paradox** of the heap
There are many theories to explain this **paradox**.

economics

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

synonym: social science, finance, business

(1) welfare **economics**, (2) **economics** professor
His class will cover an introduction to agricultural **economics**.

consume

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

synonym: absorb, ingest, use up

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

beg

v. to ask for something urgently or earnestly; to appeal to someone to do something

synonym: plead, implore, entreat

(1) **beg** the question, (2) **beg** for help
She **begged** her parents to let her go to the concert.

sufficient

adj. adequate; enough for a particular purpose or requirement

synonym: acceptable, ample, satisfactory

(1) **sufficient** time, (2) self- **sufficient** economy
That candidate does not have **sufficient** means to win an election with certainty.

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.

attractive

adj. immensely appealing in look or sound; having characteristics or qualities that make something appealing and valuable

synonym: beautiful, fetching, alluring

(1) **attractive** men, (2) **attractive** opportunity

The growth of the "sharing economy" is **attractive** for tech companies.

competitive

adj. involving competition or competitiveness

synonym: aggressive, ambitious, militant

(1) a **competitive** price, (2) **competitive** position

The mobile application industry is a **competitive** one.

manufacture

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

synonym: create, fabricate, assemble

(1) **manufacture** an enzyme, (2) **manufacture** a product

The majority of synthetic vitamins are **manufactured** from oil.

straight

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

synonym: linear, honest, consecutive

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

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

bounty

n. a reward offered for capturing or killing someone or for accomplishing a specific task

synonym: reward, premium, recompense

(1) cash **bounty**, (2) a **bounty** on exports

The **bounty** hunter was hired to capture the notorious criminal and bring him to justice.

tremendous

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

synonym: enormous, giant, immense

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

We had a **tremendous** time yesterday.

frustrate

v. to hinder or prevent efforts, plans, or desires from doing, succeeding, or being fulfilled; to make someone feel upset or annoyed because they are unable to change or achieve something

synonym: hinder, thwart, dishearten

(1) **frustrate** the advancement, (2) **frustrate** other team members

The coach explained a strategy to **frustrate** the opponent's schemes to the players.

avail

v. to help or benefit; to use or take advantage of

synonym: help, benefit, serve

(1) **avail** you little, (2) **avail** ourselves of this opportunity

Their financing options are reasonable and easy to **avail**.

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.

triple

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

synonym: threefold

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

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

opportune

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

synonym : suitable, timely, practical

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

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

introductory

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

synonym : beginning, preliminary, initial

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

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

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.

competition

n. a situation in which someone is attempting to beat or outperform another

synonym : contest, match, fight

(1) the first round of the **competition**, (2) intraspecific **competition**

Global **competition** is rising in virtually every industry.

trade-off

n. a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise

synonym : compromise, balance, exchange

(1) **trade-off** problem, (2) environmental **trade-off**

There was a **trade-off** between speed and accuracy in the task.

anchor

n. a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability

synonym : mainstay, ballast, backbone

(1) **anchor** bolt, (2) **anchor** weight

The ship dropped **anchor** in the bay.

suddenly

adv. quickly and unexpectedly

synonym : abruptly, unexpectedly, unawares

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

Who answers **suddenly** knows little.

basis

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

synonym : foundation, base, ground

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

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

expand

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

synonym : extend, grow, boost

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

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

exciting

adj. causing a lot of interest or excitement

synonym : exhilarating, stimulating, thrilling

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

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

continent

n. one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex

synonym : landmass, (adjective) chaste, (adjective) pure

(1) the inland of a **continent**, (2) **continent** urinary diversion

Flight across the **continent** was a daring adventure in its day.

workforce

n. all the people who work in a company, industry, country, etc.

synonym : labor pool, manpower

(1) skilled **workforce**, (2) the **workforce** is on strike

Many companies outsource and hire consultants to keep their **workforce** flexible.

imaginary

adj. existing only in someone's mind

synonym : fictional, ideal, fantastical

(1) **imaginary** number, (2) **imaginary** pregnancy

Little children tend to have **imaginary** friends.

innovate

v. to introduce new methods, ideas, or products

synonym : bring in, introduce, found

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

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

capita

n. a Latin word meaning "head," used to express the amount for each person; any head or headlike expansion on a structure, as on a bone

synonym : head, headcount, person

(1) per **capita** sales, (2) the agricultural yield per **capita**
GDP per **capita** shrunk by almost 10 percent for the third consecutive year.

contribute

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

synonym : donate, devote, commit

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

(2) **contribute** to society

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

avert

v. to prevent something dangerous or undesirable from happening

synonym : discourage, prevent, deter

(1) **avert** disaster, (2) **avert** a strike

The dam systematically releases large amounts of water to **avert** flooding during the rainy season

disaster

n. an unexpected event or series of events that cause widespread damage, destruction, or loss of life

synonym: catastrophe, calamity, tragedy

(1) global **disaster**, (2) **disaster** recovery

The **disaster** response team worked around the clock to aid those affected by the earthquake.

substantially

adv. to a great extent or degree

synonym: considerably, essentially, largely

(1) the price went up **substantially**, (2) the house was **substantially** built

The proportion of female engineers has **substantially** increased.

negative

adj. having the quality of something bad or harmful; expressing refusal

synonym: minus, adverse, pessimistic

(1) have a **negative** effect, (2) a **negative** number

The movie has received almost universally **negative** criticism.

peatland

n. an area covered with peat (= a partially decayed organic matter formed from plants)

synonym: bog, marsh, moor

(1) **peatland** ecosystem, (2) **peatland** bog

The preservation of **peatlands** is crucial in mitigating climate change, as they help regulate the Earth's temperature and reduce atmospheric carbon dioxide.

grassland

n. a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock

synonym: meadow, plain, savanna

(1) endangered **grassland**, (2) vast **grassland**

Meadows and pastures are examples of smaller-scale **grasslands** in many parts of the world.

wetland

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

synonym: bog, marsh, swamp

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

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

preserve

v. to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

synonym: conserve, care for, maintain

(1) **preserve** my strength, (2) **preserve** a country's heritage

They worked hard to **preserve** the nature of their native lands.

definitely

adv. without any question and beyond doubt; clearly

synonym: absolutely, certainly, indeed

(1) **definitely** become a problem, (2) say **definitely**

The paper is **definitely** worth reading thoroughly.

indigenous

adj. someone or something that is native to or occurring naturally in a particular place

synonym: domestic, endemic, primitive

(1) **indigenous** crop, (2) **indigenous** peoples

The **indigenous** plants need to be pollinated by local insects.

communal

adj. belonging to or used by a group rather than individuals; for common use

synonym: collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination of funds

Communal elections were held in several European

countries.

smallholding

n. a small farm or estate that the owner or family typically works; often used to describe a farm that is smaller than a standard agricultural unit

synonym: small farm, homestead, mini ranch

(1) **smallholding** farm, (2) **smallholding** agriculture

The farmer's **smallholding** was enough to grow and sell vegetables for their family at the local market.

blind

adj. unable to see; unable or unwilling to perceive or understand the true nature of something

synonym: sightless, unseeing, random

(1) **blind** to the beauties, (2) **blind** spot

She was nearly **blind** due to severe diabetes.

ambitious

adj. having a great desire to attain achievement, power, or wealth

synonym: enterprising, challenging, earnest

(1) achieve **ambitious** goals, (2) with an **ambitious** eye

Their company has been in business for a short time but has **ambitious** goals.

narrative

n. a story or a description of a series of events or process of telling a story

synonym: the tale, chronology, annals

(1) **narrative** poetry, (2) personal **narrative**

The **narrative** handles multiple plot lines and has unpredictable ends.

hapless

adj. having no luck; unfortunate

synonym: unfortunate, unlucky, pitiable

(1) her **hapless** fate, (2) **hapless** situation

The **hapless** victim had no way to defend themselves.

helpless

adj. unable to take care of oneself or to do things without help

synonym: defenseless, powerless, susceptible

(1) **helpless** baby, (2) **helpless** victims

I feel so **helpless** without you.

vanguard

n. the leading or forefront position in a movement, campaign, or trend; a person or group that is at the forefront of something new or innovative

synonym: forefront, avant-garde, cutting edge

(1) intellectual **vanguard**, (2) artistic **vanguard**

The company is at the **vanguard** of technological innovation in its industry.

Session 2: Spelling

- | | |
|-----------------------------|---|
| 1. t_p a new market | <i>v.</i> to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc. |
| 2. r_m the door open | <i>v.</i> to strike or push forcefully, often to cause damage; to batter or break open a door or barrier using brute force |
| 3. con_____te a majority | <i>v.</i> to be the essential or fundamental elements or parts of something; to establish, appoint, or assign someone to a particular office or position; to make up or compose something |
| 4. chemical ad_____on | <i>n.</i> the act or process of adding something to something else; the process of adding numbers |
| 5. go in____e with pleasure | <i>adj.</i> extremely stupid, crazy, or dangerous; mentally ill |
| 6. save the pl____t | <i>n.</i> any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star |
| 7. de____y safety measures | <i>v.</i> to move troops or weapons into a position or military action; to bring into something in an effective way |
| 8. global di_____er | <i>n.</i> an unexpected event or series of events that cause widespread damage, destruction, or loss of life |

ANSWERS: 1. tap, 2. ram, 3. constitute, 4. addition, 5. insane, 6. planet, 7. deploy, 8. disaster

- | | |
|-------------------------------|---|
| 9. equ_____nt amounts | <i>n.</i> having the same value, quality, meaning, purpose, etc. |
| 10. sc____m a profanity | <i>v.</i> to give a loud, high shout suddenly, especially because of fear, anger, excitement, etc.; to utter or declare in a very loud voice |
| 11. im_____ry number | <i>adj.</i> existing only in someone's mind |
| 12. intraspecific com_____on | <i>n.</i> a situation in which someone is attempting to beat or outperform another |
| 13. b_g the question | <i>v.</i> to ask for something urgently or earnestly; to appeal to someone to do something |
| 14. im_____e a process | <i>v.</i> to make or become better |
| 15. a qu_____r mile | <i>n.</i> one of four equal parts; a fourth part or portion |
| 16. end of the first qu_____r | <i>n.</i> one of four equal parts; a fourth part or portion |
| 17. pr_____le cause of a fire | <i>adj.</i> likely to happen or likely to be true |
| 18. avoid climate cat_____he | <i>n.</i> a sudden event that causes extreme ruin and misfortune |
| 19. ins_____ion fee | <i>n.</i> the act or process of fixing furniture, a machine, or a piece of equipment into position so that it can be used; the act or process of putting into an office or a position |
| 20. certain ex____t | <i>n.</i> the point or degree or area to which something extends |

ANSWERS: 9. equivalent, 10. scream, 11. imaginary, 12. competition, 13. beg, 14. improve, 15. quarter, 16. quarter, 17. probable, 18. catastrophe, 19. installation, 20. extent

21. po___s materials	<i>adj.</i> having many small holes and being able to absorb or pass through fluids
22. ha__e the price	<i>v.</i> to divide something into two equal parts; to reduce something by half its original amount or size
23. es_____te a fair value	<i>v.</i> to guess or calculate the cost, size, value, etc. of something
24. z__e defense	<i>n.</i> a specific area, region, or section that is marked off or defined in some way
25. a wire g__d	<i>n.</i> a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
26. po___s membrane	<i>adj.</i> having many small holes and being able to absorb or pass through fluids
27. personal na_____ve	<i>n.</i> a story or a description of a series of events or process of telling a story
28. a picture fr__e	<i>n.</i> a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
29. pe_____nd ecosystem	<i>n.</i> an area covered with peat (= a partially decayed organic matter formed from plants)
30. ha__e the workload	<i>v.</i> to divide something into two equal parts; to reduce something by half its original amount or size
31. wage sup_____nt	<i>n.</i> something that is added to something else to make it better or complete it

ANSWERS: 21. porous, 22. halve, 23. estimate, 24. zone, 25. grid, 26. porous, 27. narrative, 28. frame, 29. peatland, 30. halve, 31. supplement

32. ur___t situation	<i>adj.</i> requiring immediate attention or action; pressing
33. a gradual re_____on	<i>n.</i> a decrease in size, amount, or degree
34. in___t capital	<i>v.</i> to put money, effort, time, etc. into something to make a profit or achieve a result
35. ind_____us worker	<i>adj.</i> hardworking, diligent, and persistent in effort
36. pr_____te location	<i>adj.</i> very near or close, either in space or time; immediately preceding or following something
37. fa_____ty design	<i>n.</i> a building or place that provides a particular service or is used for a particular industry
38. re_____l truck	<i>n.</i> the act of taking something away or off from a particular place
39. biomass f___l	<i>n.</i> a substance that is typically burned to generate heat or energy
40. develop in_____e itching	<i>adj.</i> (especially of a feeling) very strong; extremely sharp or severe
41. und_____nd activist	<i>adj.</i> under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force
42. become ess_____ly same	<i>adv.</i> relating to the essential features or concepts of anything
43. enormous ex_____es	<i>n.</i> the money, time, or effort incurred or required for something

ANSWERS: 32. urgent, 33. reduction, 34. invest, 35. industrious, 36. proximate, 37. facility, 38. removal, 39. fuel, 40. intense, 41. underground, 42. essentially, 43. expense

44. en____e value	<i>v.</i> to increase or improve the quality, amount, or strength of someone or something
45. better fuel eff_____cy	<i>n.</i> the state or quality of doing something well with no waste of input such as time or money
46. op_____ne occasion	<i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose
47. equ_____nt in meaning	<i>n.</i> having the same value, quality, meaning, purpose, etc.
48. acc_____te a chemical reaction	<i>v.</i> to make something faster or earlier; to cause to develop or progress more quickly
49. smokeless f__l	<i>n.</i> a substance that is typically burned to generate heat or energy
50. effects of cl_____e change	<i>n.</i> the weather in a particular location averaged over some long period
51. so__d employment measures	<i>adj.</i> hard or firm; characterized by good substantial quality
52. ref_____ion policy	<i>n.</i> the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters
53. h__d of cattle	<i>n.</i> a group of animals of the same type that live or are kept together as livestock
54. product int_____ory sale	<i>adj.</i> intended as an introduction or preliminary; serving as a base or starting point

ANSWERS: 44. enhance, 45. efficiency, 46. opportune, 47. equivalent, 48. accelerate, 49. fuel, 50. climate, 51. solid, 52. reforestation, 53. herd, 54. introductory

55. moral imp_____ve	<i>adj.</i> very important or requiring attention or action
56. con_____te to society	<i>v.</i> to give something, especially money or goods, to provide or achieve something together with other people
57. con_____ive about production	<i>adj.</i> holding traditional views and values and opposed to change or innovation
58. co_____al combination of funds	<i>adj.</i> belonging to or used by a group rather than individuals; for common use
59. sma_____ing agriculture	<i>n.</i> a small farm or estate that the owner or family typically works; often used to describe a farm that is smaller than a standard agricultural unit
60. con_____ion in English	<i>n.</i> an informal talk between two or more people to exchange their views, ideas, information, etc.
61. the first round of the com_____on	<i>n.</i> a situation in which someone is attempting to beat or outperform another
62. ec_____cs professor	<i>n.</i> the branch of social science that deals with the production, consumption, and transfer of goods and services
63. combined ox___e	<i>n.</i> a chemical compound that contains at least one oxygen atom and one other element
64. intellectual va_____rd	<i>n.</i> the leading or forefront position in a movement, campaign, or trend; a person or group that is at the forefront of something new or innovative

ANSWERS: 55. imperative, 56. contribute, 57. conservative, 58. communal, 59. smallholding, 60. conversation, 61. competition, 62. economics, 63. oxide, 64. vanguard

65. geo_____al data	<i>adj.</i> relating to the physical characteristics and processes of the Earth and its surrounding atmospheres, such as geology, meteorology, and oceanography
66. el_____fy the audience	<i>v.</i> to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
67. officially di_____ved the marriage	<i>v.</i> to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
68. h__l a broken bone	<i>v.</i> to make a wound or injury to become well again
69. va____y bottom	<i>n.</i> a long depression on the surface of the land, which typically contains a river
70. en_____ly satisfied with the meal	<i>adv.</i> completely
71. parched s__l	<i>n.</i> the top layer of Earth in which plants grow
72. aff_____le solution	<i>adj.</i> not expensive and able to pay
73. a peaceful la_____pe	<i>n.</i> an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
74. the price went up sub_____lly	<i>adv.</i> to a great extent or degree
75. French pa_____x	<i>n.</i> a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;

ANSWERS: 65. geophysical, 66. electrify, 67. dissolve, 68. heal, 69. valley, 70. entirely, 71. soil, 72. affordable, 73. landscape, 74. substantially, 75. paradox

- | | |
|------------------------------------|--|
| 76. a good grounding in mat_____cs | <i>n.</i> the science dealing with the logic of quantities, shapes, spaces, and arrangement |
| 77. d__n the consequences | <i>v.</i> to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger |
| 78. re___r an assessment | <i>v.</i> to bring someone or something into a particular state; to provide something such as service, help, etc. |
| 79. fa__y a cup of coffee | <i>v.</i> to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy |
| 80. heroic e__c | <i>n.</i> a long and eventful or heroic history, story, poem, or film; (adjective) very imposing or impressive |
| 81. above the eq____r | <i>n.</i> an line of latitude that separates Earth's northern and southern hemispheres and has a radius of around 40,075 kilometers (24,901 miles) |
| 82. pr_____te region | <i>adj.</i> very near or close, either in space or time; immediately preceding or following something |
| 83. silver ox__e | <i>n.</i> a chemical compound that contains at least one oxygen atom and one other element |
| 84. a bo___y on exports | <i>n.</i> a reward offered for capturing or killing someone or for accomplishing a specific task |

ANSWERS: 76. mathematics, 77. damn, 78. render, 79. fancy, 80. epic, 81. equator, 82. proximate, 83. oxide, 84. bounty

85. re_____le energy	<i>adj.</i> capable of being renewed, extended, or replaced
86. fire st__k	<i>v.</i> to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
87. in___t under the skin	<i>v.</i> to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
88. self-suf_____nt economy	<i>adj.</i> adequate; enough for a particular purpose or requirement
89. su_____e a blizzard	<i>v.</i> to live or exist despite a dangerous event or period
90. a civil en_____er	<i>n.</i> a person whose job is designing, building, or maintaining something such as machines, structures, or software
91. ex_____t a valuable opportunity	<i>v.</i> to make full use of and gain an advantage from resources, opportunities, etc.
92. bite his tongue li_____ly	<i>adv.</i> in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively
93. en__w him with the power	<i>v.</i> to give a quality, ability, or asset to a person or institution
94. av__l you little	<i>v.</i> to help or benefit; to use or take advantage of
95. evolutionary bi_____y	<i>n.</i> the scientific study of life and the natural processes of living things

ANSWERS: 85. renewable, 86. stick, 87. inject, 88. sufficient, 89. survive, 90. engineer, 91. exploit, 92. literally, 93. endow, 94. avail, 95. biology

96. translate li_____ly	<i>adv.</i> in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively
97. tackle the problem ur_____ly	<i>adv.</i> in a way that requires immediate action or attention, especially before anything else, because of being very important
98. ex___e for inaction	<i>n.</i> a reason or explanation, either true or invented, given to justify a fault or defend your behavior; (verb) to make someone free from blame or clear from guilt
99. gr___e the left shoulder	<i>v.</i> to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping
100. die su_____ly	<i>adv.</i> quickly and unexpectedly
101. ex___d agricultural output	<i>v.</i> to increase or to make something greater in size, number, or importance
102. d___n with faint praise	<i>v.</i> to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger
103. b_g for help	<i>v.</i> to ask for something urgently or earnestly; to appeal to someone to do something
104. ex_____e account	<i>n.</i> the money, time, or effort incurred or required for something
105. am_____y the effect	<i>v.</i> to enhance something, particularly sound or brightness

ANSWERS: 96. literally, 97. urgently, 98. excuse, 99. graze, 100. suddenly, 101. expand, 102. damn, 103. beg, 104. expense, 105. amplify

106. say def_____ly	<i>adv.</i> without any question and beyond doubt; clearly
107. in_____te into the existing system	<i>v.</i> to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
108. emissions of gre_____se gases	<i>n.</i> a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
109. ba____t rock	<i>n.</i> a dark, fine-grained volcanic rock that forms from the solidification of lava
110. an app_____te time	<i>adj.</i> suitable or proper in the circumstances; fitting
111. a com_____ve price	<i>adj.</i> involving competition or competitiveness
112. bi_____r carbon	<i>n.</i> a material produced by heating organic matter under low-oxygen conditions often used as a fertilizer or soil amendment
113. en____l risks	<i>v.</i> to involve or require something as necessary, particularly as a consequence of a particular situation or action; to impose a burden or restriction on something
114. un_____ke an enterprise	<i>v.</i> to do or begin to do something, such as an enterprise or responsibility
115. a cold cl_____e	<i>n.</i> the weather in a particular location averaged over some long period
116. se_____er ten percent of the annual carbon emissions	<i>v.</i> to take temporary possession of someone's property until a debt is paid.

ANSWERS: 106. definitely, 107. integrate, 108. greenhouse, 109. basalt, 110. appropriate, 111. competitive, 112. biochar, 113. entail, 114. undertake, 115. climate, 116. sequester

117. a flight of fa__y	<i>v.</i> to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy
118. av__t disaster	<i>v.</i> to prevent something dangerous or undesirable from happening
119. his research area of con_____ion	<i>n.</i> the ability to focus all your time and energy on one thing without thinking about anything else.
120. di____er recovery	<i>n.</i> an unexpected event or series of events that cause widespread damage, destruction, or loss of life
121. strong and co_____ed sales staff	<i>adj.</i> willing to put in a lot of effort, time, and energy into something; firmly believing in something
122. h__l the hurt mind	<i>v.</i> to make a wound or injury to become well again
123. ina_____te an enterprise	<i>v.</i> to formally begin or initiate something, particularly a new project, organization, government, or system, often through an official ceremony
124. a re_____ic goal	<i>adj.</i> having or showing a sensible and practical idea that is possible to achieve
125. in___t in stocks	<i>v.</i> to put money, effort, time, etc. into something to make a profit or achieve a result
126. r_m into the ice	<i>v.</i> to strike or push forcefully, often to cause damage; to batter or break open a door or barrier using brute force

ANSWERS: 117. fancy, 118. avert, 119. concentration, 120. disaster, 121. committed, 122. heal, 123. inaugurate, 124. realistic, 125. invest, 126. ram

127. the pa____x of the heap	<i>n.</i> a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;
128. con_____te a large sum of money to the fund	<i>v.</i> to give something, especially money or goods, to provide or achieve something together with other people
129. pe_____ul coexistence	<i>adj.</i> not involving violence, conflict, or war
130. pro_____on of civilization	<i>n.</i> the act or process of changing to the next stage or phase or moving forward
131. he_____ss victims	<i>adj.</i> unable to take care of oneself or to do things without help
132. att_____ve opportunity	<i>adj.</i> immensely appealing in look or sound; having characteristics or qualities that make something appealing and valuable
133. in a co_____ed relationship	<i>adj.</i> willing to put in a lot of effort, time, and energy into something; firmly believing in something
134. na_____ve poetry	<i>n.</i> a story or a description of a series of events or process of telling a story
135. time z__e	<i>n.</i> a specific area, region, or section that is marked off or defined in some way
136. ind_____us peoples	<i>adj.</i> someone or something that is native to or occurring naturally in a particular place
137. re__t against his way of thinking	<i>v.</i> to take action in response to something
138. commit a crime del_____ely	<i>adv.</i> done in an intentional or slow and careful manner

ANSWERS: 127. paradox, 128. contribute, 129. peaceful, 130. progression, 131. helpless, 132. attractive, 133. committed, 134. narrative, 135. zone, 136. indigenous, 137. react, 138. deliberately

139. date su____le to both groups	<i>adj.</i> fit or appropriate; proper; adapted
140. cu____l freedom	<i>v.</i> to reduce or restrict something; to shorten or truncate; to cut short or bring to an abrupt end
141. ess____ly correct	<i>adv.</i> relating to the essential features or concepts of anything
142. per ca____a sales	<i>n.</i> a Latin word meaning "head," used to express the amount for each person; any head or headlike expansion on a structure, as on a bone
143. man____re a product	<i>v.</i> to make goods in large numbers, usually in a factory using machines
144. a st____ht line	<i>adj.</i> extending or moving in one direction without bending or curving; having no deviations
145. a sub____al amount of capital	<i>adj.</i> fairly large in size, value, or importance
146. se____er myself from the world	<i>v.</i> to take temporary possession of someone's property until a debt is paid.
147. wi____re spread	<i>n.</i> a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope
148. global em____ons of greenhouse gases	<i>n.</i> the act of production or sending out gas, heat, light, etc.
149. with an am____us eye	<i>adj.</i> having a great desire to attain achievement, power, or wealth
150. di____ce workers	<i>v.</i> to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation

ANSWERS: 139. suitable, 140. curtail, 141. essentially, 142. capita, 143. manufacture, 144. straight, 145. substantial, 146. sequester, 147. wildfire, 148. emission, 149. ambitious, 150. displace

151. ex____t a security hole	<i>v.</i> to make full use of and gain an advantage from resources, opportunities, etc.
152. dental tartar re____l	<i>n.</i> the act of taking something away or off from a particular place
153. bl__d to the beauties	<i>adj.</i> unable to see; unable or unwilling to perceive or understand the true nature of something
154. w__t per square meter	<i>n.</i> a standard unit for measuring electrical power
155. ba__s for calculation	<i>n.</i> the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
156. com____ve position	<i>adj.</i> involving competition or competitiveness
157. ur____ly required	<i>adv.</i> in a way that requires immediate action or attention, especially before anything else, because of being very important
158. en____e the flavor of the vanilla	<i>v.</i> to increase or improve the quality, amount, or strength of someone or something
159. su____le amount	<i>adj.</i> fit or appropriate; proper; adapted
160. st____ht for two months	<i>adj.</i> extending or moving in one direction without bending or curving; having no deviations
161. artistic va____rd	<i>n.</i> the leading or forefront position in a movement, campaign, or trend; a person or group that is at the forefront of something new or innovative

ANSWERS: 151. exploit, 152. removal, 153. blind, 154. watt, 155. basis, 156. competitive, 157. urgently, 158. enhance, 159. suitable, 160. straight, 161. vanguard

162. on an equal ba__s	<i>n.</i> the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
163. di____ce the explosive power	<i>v.</i> to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation
164. a cell phone with an internet fa____ty	<i>n.</i> a building or place that provides a particular service or is used for a particular industry
165. use of dietary sup____nts	<i>n.</i> something that is added to something else to make it better or complete it
166. ca____e customers' hearts	<i>v.</i> to catch a person or an animal and confine them in an area which they cannot escape
167. ze__a pattern	<i>n.</i> a wild, horse-like mammal native to Africa with distinctive black-and-white stripes
168. the wo____ce is on strike	<i>n.</i> all the people who work in a company, industry, country, etc.
169. cal____or app	<i>n.</i> a small electronic device for making arithmetic calculations
170. ma____e stars	<i>adj.</i> enormous amount; very heavy and solid
171. in____te the quality of his life	<i>v.</i> to introduce new methods, ideas, or products
172. int____ion by foreign powers	<i>n.</i> the action or process of being done to improve or help a circumstance, often they have not been asked to do so

ANSWERS: 162. basis, 163. displace, 164. facility, 165. supplement, 166. capture, 167. zebra, 168. workforce, 169. calculator, 170. massive, 171. innovate, 172. intervention

173. fr____nt absence	<i>adj.</i> happening constantly
174. re_____le subscriptions	<i>adj.</i> capable of being renewed, extended, or replaced
175. stripes cha_____tic of the zebra	<i>n.</i> a typical feature or quality that can identify, tell apart, or describe something or somebody
176. have a ne____ve effect	<i>adj.</i> having the quality of something bad or harmful; expressing refusal
177. an in____e scheme	<i>adj.</i> extremely stupid, crazy, or dangerous; mentally ill
178. un_____ke routine duties	<i>v.</i> to do or begin to do something, such as an enterprise or responsibility
179. cu____l spending	<i>v.</i> to reduce or restrict something; to shorten or truncate; to cut short or bring to an abrupt end
180. re____r the contract void	<i>v.</i> to bring someone or something into a particular state; to provide something such as service, help, etc.
181. near re_____ng age	<i>adj.</i> withdrawing from a position or activity, or becoming more secluded or reserved
182. a ch____al compound	<i>adj.</i> relating to or connected with chemistry;
183. an hon_____ess mistake	<i>adj.</i> genuine; true in a real, authentic sense; not false or phony
184. b__t him in the face	<i>v.</i> to sing loudly and forcefully; to hit someone or something hard; (noun) a strip of leather or other material worn to tie or buckle something around the body
185. wid_____ad fear of nuclear war	<i>adj.</i> existing or happening in various places or among many people

ANSWERS: 173. frequent, 174. renewable, 175. characteristic, 176. negative, 177. insane, 178. undertake, 179. curtail, 180. render, 181. retiring, 182. chemical, 183. honest-to-goodness, 184. belt, 185. widespread

186. a medical ins_____ion	<i>n.</i> the act or process of fixing furniture, a machine, or a piece of equipment into position so that it can be used; the act or process of putting into an office or a position
187. co_____e electricity	<i>v.</i> to spend something, especially fuel, energy, or time, in a large amount
188. di_____ch a letter	<i>v.</i> to send someone or something somewhere for a particular purpose; to send a message or piece of information
189. wid_____ad use	<i>adj.</i> existing or happening in various places or among many people
190. we_____d ecosystem	<i>adj.</i> land that is saturated with water, either permanently or seasonally, such as swamps, marshes, and bogs
191. s__ls retentive of moisture	<i>n.</i> the top layer of Earth in which plants grow
192. att_____ve men	<i>adj.</i> immensely appealing in look or sound; having characteristics or qualities that make something appealing and valuable
193. ma_____e amounts	<i>adj.</i> enormous amount; very heavy and solid
194. the common h__d	<i>n.</i> a group of animals of the same type that live or are kept together as livestock
195. set a t__p	<i>n.</i> a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping

ANSWERS: 186. installation, 187. consume, 188. dispatch, 189. widespread, 190. wetland, 191. soil, 192. attractive, 193. massive, 194. herd, 195. trap

196. exp_____al growth	<i>adj.</i> becoming more and more rapid; of or involving mathematical exponents
197. pi__t production	<i>n.</i> a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water
198. an op_____ne remark	<i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose
199. av__t a strike	<i>v.</i> to prevent something dangerous or undesirable from happening
200. fr_____te other team members	<i>v.</i> to hinder or prevent efforts, plans, or desires from doing, succeeding, or being fulfilled; to make someone feel upset or annoyed because they are unable to change or achieve something
201. toxic ch_____als	<i>adj.</i> relating to or connected with chemistry;
202. the story is bi_____e	<i>adj.</i> very strange or unusual
203. welfare ec_____cs	<i>n.</i> the branch of social science that deals with the production, consumption, and transfer of goods and services
204. her ha_____s fate	<i>adj.</i> having no luck; unfortunate
205. south of the eq_____r	<i>n.</i> an line of latitude that separates Earth's northern and southern hemispheres and has a radius of around 40,075 kilometers (24,901 miles)
206. st__k a key in a lock	<i>v.</i> to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material

ANSWERS: 196. exponential, 197. pilot, 198. opportune, 199. avert, 200. frustrate, 201. chemical, 202. bizarre, 203. economics, 204. hapless, 205. equator, 206. stick

207. positive feedback l__p	<i>n.</i> a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
208. el_____fy a manufacturing process	<i>v.</i> to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
209. una_____bly high prices	<i>adv.</i> in a way that is not acceptable or satisfactory
210. sc___m at him to be quiet	<i>v.</i> to give a loud, high shout suddenly, especially because of fear, anger, excitement, etc.; to utter or declare in a very loud voice
211. cou_____rt agreement	<i>n.</i> a person or thing that corresponds to or has the same function as another person or thing
212. we_____d conservation	<i>adj.</i> land that is saturated with water, either permanently or seasonally, such as swamps, marshes, and bogs
213. the fr__e of the policy	<i>n.</i> a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
214. ind_____us student	<i>adj.</i> hardworking, diligent, and persistent in effort
215. cr__l joke	<i>adj.</i> feeling or showing pleasure in causing pain or suffering to others
216. imp_____ve need	<i>adj.</i> very important or requiring attention or action

ANSWERS: 207. loop, 208. electrify, 209. unacceptably, 210. scream, 211. counterpart, 212. wetland, 213. frame, 214. industrious, 215. cruel, 216. imperative

217. su____e a plane crash	<i>v.</i> to live or exist despite a dangerous event or period
218. exp_____al function	<i>adj.</i> becoming more and more rapid; of or involving mathematical exponents
219. liquefied pe_____um gas	<i>n.</i> a flammable liquid consisting of a complex mixture of hydrocarbons that occurs naturally in certain rock formations and can also be refined to produce fuels such as gasoline, diesel, and jet fuel
220. ai___g deployment	<i>n.</i> a safety device designed to inflate rapidly in the event of a collision, protecting the occupants of a vehicle and reducing the risk of injury or death
221. in___t a personal opinion into a debate	<i>v.</i> to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)
222. my friend's cha_____tic laugh	<i>n.</i> a typical feature or quality that can identify, tell apart, or describe something or somebody
223. a cr___l and unusual punishment	<i>adj.</i> feeling or showing pleasure in causing pain or suffering to others
224. ca___n dioxide	<i>n.</i> a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
225. have a sub_____al meal	<i>adj.</i> fairly large in size, value, or importance
226. mo___d joke	<i>adj.</i> characterized by a preoccupation with death or unhealthy topics or behaviors; gruesome or disturbing

ANSWERS: 217. survive, 218. exponential, 219. petroleum, 220. airbag, 221. inject, 222. characteristic, 223. cruel, 224. carbon, 225. substantial, 226. morbid

227. in____e heat	<i>adj.</i> (especially of a feeling) very strong; extremely sharp or severe
228. achieve am____us goals	<i>adj.</i> having a great desire to attain achievement, power, or wealth
229. t__p an animal	<i>n.</i> a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping
230. a fo___l leaf	<i>n.</i> any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
231. vast gr_____nd	<i>n.</i> a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock
232. the house was sub_____lly built	<i>adv.</i> to a great extent or degree
233. h__l broke loose	<i>n.</i> the place thought to be where bad people go and are punished after death, often depicted as being located beneath the earth; an extraordinarily unpleasant or difficult place
234. ind_____al alcohol	<i>adj.</i> of or relating to or resulting from industry
235. bi____e behavior	<i>adj.</i> very strange or unusual
236. beginning of the ind_____al revolution	<i>adj.</i> of or relating to or resulting from industry
237. cell and molecular bi____y	<i>n.</i> the scientific study of life and the natural processes of living things
238. basin-shaped va___y	<i>n.</i> a long depression on the surface of the land, which typically contains a river

ANSWERS: 227. intense, 228. ambitious, 229. trap, 230. fossil, 231. grassland, 232. substantially, 233. hell, 234. industrial, 235. bizarre, 236. industrial, 237. biology, 238. valley

239. ex____ng news	<i>adj.</i> causing a lot of interest or excitement
240. an____r bolt	<i>n.</i> a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability
241. co____e a large of alcohol	<i>v.</i> to spend something, especially fuel, energy, or time, in a large amount
242. in____te both businesses	<i>v.</i> to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
243. r__t between friends	<i>n.</i> a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces
244. the st____m of time	<i>n.</i> a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
245. in____l a door	<i>v.</i> to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
246. the ex____t of the damage	<i>n.</i> the point or degree or area to which something extends
247. environmental tr____ff	<i>n.</i> a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise
248. the agricultural yield per ca____a	<i>n.</i> a Latin word meaning "head," used to express the amount for each person; any head or headlike expansion on a structure, as on a bone

ANSWERS: 239. exciting, 240. anchor, 241. consume, 242. integrate, 243. rift, 244. stream, 245. install, 246. extent, 247. trade-off, 248. capita

- | | |
|---|---|
| 249. de___y troops for battle | <i>v.</i> to move troops or weapons into a position or military action; to bring into something in an effective way |
| 250. int_____ory biology text | <i>adj.</i> intended as an introduction or preliminary; serving as a base or starting point |
| 251. an endless st___m of cars | <i>n.</i> a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc. |
| 252. but mo_____er, they work well together | <i>adv.</i> indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before |
| 253. su_____ly attacked by an enemy | <i>adv.</i> quickly and unexpectedly |
| 254. e__t a gamma ray | <i>v.</i> to give off or send out something such as light, heat, sound, gas, etc. |
| 255. tec_____cal advancement | <i>adj.</i> based on scientific and industrial progress |
| 256. crude pe_____um | <i>n.</i> a flammable liquid consisting of a complex mixture of hydrocarbons that occurs naturally in certain rock formations and can also be refined to produce fuels such as gasoline, diesel, and jet fuel |
| 257. hu_____ty at large | <i>n.</i> all people living on the earth; the quality or state of being human rather than an animal, a machine, etc. |
| 258. e__c battle | <i>n.</i> a long and eventful or heroic history, story, poem, or film; (adjective) very imposing or impressive |

ANSWERS: 249. deploy, 250. introductory, 251. stream, 252. moreover, 253. suddenly, 254. emit, 255. technological, 256. petroleum, 257. humanity, 258. epic

259. acc_____te the car	<i>v.</i> to make something faster or earlier; to cause to develop or progress more quickly
260. tr____e digits	<i>adj.</i> consisting of three items or people; three times as great or many
261. aff_____le housing	<i>adj.</i> not expensive and able to pay
262. in_____te a new method	<i>v.</i> to introduce new methods, ideas, or products
263. di_____ch soldiers	<i>v.</i> to send someone or something somewhere for a particular purpose; to send a message or piece of information
264. make dr_____c revision	<i>adj.</i> radical and extreme; likely to have a significant or far-reaching impact
265. del_____ely amateurish	<i>adv.</i> done in an intentional or slow and careful manner
266. sma_____ing farm	<i>n.</i> a small farm or estate that the owner or family typically works; often used to describe a farm that is smaller than a standard agricultural unit
267. def_____ly become a problem	<i>adv.</i> without any question and beyond doubt; clearly
268. surgical int_____ion	<i>n.</i> the action or process of being done to improve or help a circumstance, often they have not been asked to do so
269. a cr_____l issue for women	<i>adj.</i> extremely vital or necessary
270. t_p keyboard with an index finger	<i>v.</i> to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.

ANSWERS: 259. accelerate, 260. triple, 261. affordable, 262. innovate, 263. dispatch, 264. drastic, 265. deliberately, 266. smallholding, 267. definitely, 268. intervention, 269. crucial, 270. tap

271. ze__a crossing	<i>n.</i> a wild, horse-like mammal native to Africa with distinctive black-and-white stripes
272. an___r weight	<i>n.</i> a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability
273. burning of fo___l fuels	<i>n.</i> any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
274. cr_____l information	<i>adj.</i> extremely vital or necessary
275. en_____er shortage	<i>n.</i> a person whose job is designing, building, or maintaining something such as machines, structures, or software
276. la_____pe painting	<i>n.</i> an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
277. re__t at a high temperature	<i>v.</i> to take action in response to something
278. tec_____cal policy	<i>adj.</i> based on scientific and industrial progress
279. con_____ion of armaments	<i>n.</i> the ability to focus all your time and energy on one thing without thinking about anything else.
280. pr_____ve a country's heritage	<i>v.</i> to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

ANSWERS: 271. zebra, 272. anchor, 273. fossil, 274. crucial, 275. engineer, 276. landscape, 277. react, 278. technological, 279. concentration, 280. preserve

281. skilled wo_____ce	<i>n.</i> all the people who work in a company, industry, country, etc.
282. in_____l a chairperson	<i>v.</i> to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
283. a friendly con_____ion	<i>n.</i> an informal talk between two or more people to exchange their views, ideas, information, etc.
284. tre_____us amount	<i>adj.</i> very great in degree or extent or amount or impact; extremely good
285. pe_____nd bog	<i>n.</i> an area covered with peat (= a partially decayed organic matter formed from plants)
286. ind_____us crop	<i>adj.</i> someone or something that is native to or occurring naturally in a particular place
287. ca____n emission	<i>n.</i> a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
288. turn cattle out to gr__e	<i>v.</i> to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping
289. in st____e condition	<i>adj.</i> firm and steady; not easily moved, disturbed, or changed
290. pe_____ul country	<i>adj.</i> not involving violence, conflict, or war
291. sn____e into my hand	<i>v.</i> to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants

ANSWERS: 281. workforce, 282. install, 283. conversation, 284. tremendous, 285. peatland, 286. indigenous, 287. carbon, 288. graze, 289. stable, 290. peaceful, 291. sneeze

292. cr__y about cars and racing	<i>adj.</i> stupid or not sensible; very angry
293. am____g advances	<i>adj.</i> extremely surprising, especially in a way that you like or admire
294. sn___e loudly	<i>v.</i> to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants
295. leather b__t	<i>v.</i> to sing loudly and forcefully; to hit someone or something hard; (noun) a strip of leather or other material worn to tie or buckle something around the body
296. co____al swimming pool	<i>adj.</i> belonging to or used by a group rather than individuals; for common use
297. ad____on of vectors	<i>n.</i> the act or process of adding something to something else; the process of adding numbers
298. analog cal____or	<i>n.</i> a small electronic device for making arithmetic calculations
299. a tr___e mirror	<i>adj.</i> consisting of three items or people; three times as great or many
300. 30-w__t light bulb	<i>n.</i> a standard unit for measuring electrical power
301. a con____ive society	<i>adj.</i> holding traditional views and values and opposed to change or innovation
302. ex___d a lineup	<i>v.</i> to increase or to make something greater in size, number, or importance
303. sc____h off a name	<i>v.</i> to cut or damage the surface of something or the skin with a sharp or pointed object

ANSWERS: 292. crazy, 293. amazing, 294. sneeze, 295. belt, 296. communal, 297. addition, 298. calculator, 299. triple, 300. watt, 301. conservative, 302. expand, 303. scratch

304. app_____te behavior	<i>adj.</i> suitable or proper in the circumstances; fitting
305. suf_____nt time	<i>adj.</i> adequate; enough for a particular purpose or requirement
306. bi_____r soil amendment	<i>n.</i> a material produced by heating organic matter under low-oxygen conditions often used as a fertilizer or soil amendment
307. carbon dioxide in the atm_____re	<i>n.</i> the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
308. endangered gr_____nd	<i>n.</i> a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock
309. the em_____on of light	<i>n.</i> the act of production or sending out gas, heat, light, etc.
310. water flowing und_____nd	<i>adj.</i> under the surface of the ground; a secret group organized to achieve a specific purpose, such as overthrowing the government or occupying a force
311. mass of hu_____ty	<i>n.</i> all people living on the earth; the quality or state of being human rather than an animal, a machine, etc.
312. the inland of a co_____nt	<i>n.</i> one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
313. pr_____ve my strength	<i>v.</i> to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

ANSWERS: 304. appropriate, 305. sufficient, 306. biochar, 307. atmosphere, 308. grassland, 309. emission, 310. underground, 311. humanity, 312. continent, 313. preserve

314. av__l ourselves of this opportunity	<i>v.</i> to help or benefit; to use or take advantage of
315. se____ss device connectivity	<i>adj.</i> without spaces or breaks between one part and the next
316. mo____er, she decided to go	<i>adv.</i> indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before
317. geo_____al drilling	<i>adj.</i> relating to or produced by the internal heat of the earth; often used to refer to energy produced by tapping into the natural heat of the earth
318. ba___t glass	<i>n.</i> a dark, fine-grained volcanic rock that forms from the solidification of lava
319. a convivial atm_____re	<i>n.</i> the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
320. es_____te this chicken to weigh three pounds	<i>v.</i> to guess or calculate the cost, size, value, etc. of something
321. an energy eff_____cy	<i>n.</i> the state or quality of doing something well with no waste of input such as time or money
322. sc_____h my signature	<i>v.</i> to cut or damage the surface of something or the skin with a sharp or pointed object
323. una_____bly poor	<i>adv.</i> in a way that is not acceptable or satisfactory
324. en___l legal consequences	<i>v.</i> to involve or require something as necessary, particularly as a consequence of a particular situation or action; to impose a burden or restriction on something

ANSWERS: 314. avail, 315. seamless, 316. moreover, 317. geothermal, 318. basalt, 319. atmosphere, 320. estimate, 321. efficiency, 322. scratch, 323. unacceptably, 324. entail

325. have a st___e job	<i>adj.</i> firm and steady; not easily moved, disturbed, or changed
326. bl__d spot	<i>adj.</i> unable to see; unable or unwilling to perceive or understand the true nature of something
327. a re_____ng pension	<i>adj.</i> withdrawing from a position or activity, or becoming more secluded or reserved
328. so__d ally	<i>adj.</i> hard or firm; characterized by good substantial quality
329. perfect ex___e	<i>n.</i> a reason or explanation, either true or invented, given to justify a fault or defend your behavior; (verb) to make someone free from blame or clear from guilt
330. di_____ve the sugar	<i>v.</i> to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
331. negotiating cou_____rt	<i>n.</i> a person or thing that corresponds to or has the same function as another person or thing
332. co_____nt urinary diversion	<i>n.</i> one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
333. im_____e the test score	<i>v.</i> to make or become better
334. mat_____cs competition	<i>n.</i> the science dealing with the logic of quantities, shapes, spaces, and arrangement
335. as___e an important role	<i>v.</i> to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

ANSWERS: 325. stable, 326. blind, 327. retiring, 328. solid, 329. excuse, 330. dissolve, 331. counterpart, 332. continent, 333. improve, 334. mathematics, 335. assume

336. e__t air pollution	<i>v.</i> to give off or send out something such as light, heat, sound, gas, etc.
337. tr_____ff problem	<i>n.</i> a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise
338. ex_____ng football player	<i>adj.</i> causing a lot of interest or excitement
339. fr_____nt use	<i>adj.</i> happening constantly
340. he was en_____ly to blame	<i>adv.</i> completely
341. the most am_____g feeling	<i>adj.</i> extremely surprising, especially in a way that you like or admire
342. en__w the scholarship	<i>v.</i> to give a quality, ability, or asset to a person or institution
343. am_____y a signal	<i>v.</i> to enhance something, particularly sound or brightness
344. cat_____he risk management	<i>n.</i> a sudden event that causes extreme ruin and misfortune
345. as___e a lousy attitude to his boss	<i>v.</i> to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
346. pl___t like the Earth	<i>n.</i> any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
347. ina_____te a new policy	<i>v.</i> to formally begin or initiate something, particularly a new project, organization, government, or system, often through an official ceremony

ANSWERS: 336. emit, 337. trade-off, 338. exciting, 339. frequent, 340. entirely, 341. amazing, 342. endow, 343. amplify, 344. catastrophe, 345. assume, 346. planet, 347. inaugurate

348. arson-caused wi____re	<i>n.</i> a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope
349. hon_____ess truth	<i>adj.</i> genuine; true in a real, authentic sense; not false or phony
350. con_____te a threat	<i>v.</i> to be the essential or fundamental elements or parts of something; to establish, appoint, or assign someone to a particular office or position; to make up or compose something
351. tre_____us popularity	<i>adj.</i> very great in degree or extent or amount or impact; extremely good
352. ref_____ion project	<i>n.</i> the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters
353. cash bo____y	<i>n.</i> a reward offered for capturing or killing someone or for accomplishing a specific task
354. run like h__l	<i>n.</i> the place thought to be where bad people go and are punished after death, often depicted as being located beneath the earth; an extraordinarily unpleasant or difficult place
355. pro_____on of disease	<i>n.</i> the act or process of changing to the next stage or phase or moving forward
356. an ur____t telegram	<i>adj.</i> requiring immediate attention or action; pressing
357. ha____s situation	<i>adj.</i> having no luck; unfortunate

ANSWERS: 348. wildfire, 349. honest-to-goodness, 350. constitute, 351. tremendous, 352. reforestation, 353. bounty, 354. hell, 355. progression, 356. urgent, 357. hapless

358. he____ss baby	<i>adj.</i> unable to take care of oneself or to do things without help
359. defective ai____g	<i>n.</i> a safety device designed to inflate rapidly in the event of a collision, protecting the occupants of a vehicle and reducing the risk of injury or death
360. man____re an enzyme	<i>v.</i> to make goods in large numbers, usually in a factory using machines
361. exotic plants in a gre____se	<i>n.</i> a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
362. dr____c measures	<i>adj.</i> radical and extreme; likely to have a significant or far-reaching impact
363. fr____te the advancement	<i>v.</i> to hinder or prevent efforts, plans, or desires from doing, succeeding, or being fulfilled; to make someone feel upset or annoyed because they are unable to change or achieve something
364. a g__d design	<i>n.</i> a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
365. enable se____ss access	<i>adj.</i> without spaces or breaks between one part and the next
366. mo____d fascination	<i>adj.</i> characterized by a preoccupation with death or unhealthy topics or behaviors; gruesome or disturbing
367. re____on strategy	<i>n.</i> a decrease in size, amount, or degree
368. a test pi__t	<i>n.</i> a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water

ANSWERS: 358. helpless, 359. airbag, 360. manufacture, 361. greenhouse, 362. drastic, 363. frustrate, 364. grid, 365. seamless, 366. morbid, 367. reduction, 368. pilot

369. pr____le outcome	<i>adj.</i> likely to happen or likely to be true
370. ca____e a glimpse	<i>v.</i> to catch a person or an animal and confine them in an area which they cannot escape
371. im____ry pregnancy	<i>adj.</i> existing only in someone's mind
372. exit from a l__p	<i>n.</i> a shape like a curve or a circle made by something long and thin, such as a piece of string, that bends round and crosses itself
373. a ne____ve number	<i>adj.</i> having the quality of something bad or harmful; expressing refusal
374. geo______al exploration	<i>adj.</i> relating to the physical characteristics and processes of the Earth and its surrounding atmospheres, such as geology, meteorology, and oceanography
375. geological r__t	<i>n.</i> a break or fissure in a relationship, organization, or physical structure; a large crack in the ground, rock, or other surfaces
376. a cr__y scheme	<i>adj.</i> stupid or not sensible; very angry
377. geo____al activity	<i>adj.</i> relating to or produced by the internal heat of the earth; often used to refer to energy produced by tapping into the natural heat of the earth

ANSWERS: 369. probable, 370. capture, 371. imaginary, 372. loop, 373. negative, 374. geophysical, 375. rift, 376. crazy, 377. geothermal

Session 3: Fill in the Blanks

1. The golfer recorded an _____ distance.
adj. extremely surprising, especially in a way that you like or admire
2. The political party _____ after much internal fighting.
v. to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
3. The hiking trail was lined with towering _____ columns.
n. a dark, fine-grained volcanic rock that forms from the solidification of lava
4. The ambulance was _____ to the scene of the accident.
v. to send someone or something somewhere for a particular purpose; to send a message or piece of information
5. The _____ hunter was hired to capture the notorious criminal and bring him to justice.
n. a reward offered for capturing or killing someone or for accomplishing a specific task
6. The _____ exercised great care in landing.
n. a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water
7. The _____ of water is called ice.
adj. hard or firm; characterized by good substantial quality
8. _____ elections were held in several European countries.
adj. belonging to or used by a group rather than individuals; for common use

ANSWERS: 1. amazing, 2. dissolved, 3. basalt, 4. dispatched, 5. bounty, 6. pilot, 7. solid-state, 8. Communal

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

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

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

- v.* to make or become better

11. During the unloading, the container box _____ a clicking sound.

- v.* to give off or send out something such as light, heat, sound, gas, etc.

12. The _____ in carbon emissions has been significant since the implementation of the new policy.

- n.* a decrease in size, amount, or degree

13. We had a _____ time yesterday.

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

14. The movie has received almost universally _____ criticism.

- adj.* having the quality of something bad or harmful; expressing refusal

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

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

16. GDP per _____ shrunk by almost 10 percent for the third consecutive year.

- n.* a Latin word meaning "head," used to express the amount for each person; any head or headlike expansion on a structure, as on a bone

17. In _____ private corporations provide healthcare services.

- n.* the act or process of adding something to something else; the process of adding numbers

ANSWERS: 9. deployed, 10. improve, 11. emits, 12. reduction, 13. tremendous, 14. negative, 15. Climate, 16. capita, 17. addition,

18. The dam systematically releases large amounts of water to _____ flooding during the rainy season

v. to prevent something dangerous or undesirable from happening

19. It is _____ for politicians to be effective communicators.

adj. very important or requiring attention or action

20. The new president was _____ immediately after the national election.

v. to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position

21. The dress was _____ for the formal occasion.

adj. fit or appropriate; proper; adapted

22. The detective looked for fingerprints on the window _____.

n. a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window

23. He _____ misleads others.

adv. done in an intentional or slow and careful manner

24. The pandemic was a _____ business opportunity for certain companies.

adj. fairly large in size, value, or importance

25. The service was _____ and the food was quite delicious.

adj. without spaces or breaks between one part and the next

26. In medieval times, death punishment was _____ and socially accepted.

adj. existing or happening in various places or among many people

ANSWERS: 18. avert, 19. imperative, 20. installed, 21. suitable, 22. frame, 23. deliberately, 24. substantial, 25. seamless, 26. widespread

27. Since the 1990s, the Internet has continued to experience _____ growth.

adj. becoming more and more rapid; of or involving mathematical exponents

28. I need to send this email _____.

adv. in a way that requires immediate action or attention, especially before anything else, because of being very important

29. They worked hard to _____ the nature of their native lands.

v. to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

30. The _____ system in the car saved the driver's life in a severe crash.

n. a safety device designed to inflate rapidly in the event of a collision, protecting the occupants of a vehicle and reducing the risk of injury or death

31. They donated large sums of money for the development of _____.

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

32. The _____ will repair my telephone tomorrow morning.

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

33. Let's try to _____ a bit of enthusiasm into your performance.

v. to put a liquid such as a drug or other substance into a person's or an animal's body using a needle and syringe (= small tube)

34. That candidate does not have _____ means to win an election with certainty.

adj. adequate; enough for a particular purpose or requirement

ANSWERS: 27. exponential, 28. urgently, 29. preserve, 30. airbag, 31. humanity, 32. engineer, 33. inject, 34. sufficient

35. Who answers _____ knows little.

adv. quickly and unexpectedly

36. Global _____ is rising in virtually every industry.

n. a situation in which someone is attempting to beat or outperform another

37. 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

38. It was the _____ of a dinosaur tooth.

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

39. His heartaches are less _____ now.

adj. happening constantly

40. The enemy fell right into the _____.

n. a piece of equipment or hole for catching animals or people; (verb) to catch animals or people and prevent them from escaping

41. You might need to _____ this point.

v. to enhance something, particularly sound or brightness

42. The band was _____ out old songs in response to audience requests.

v. to sing loudly and forcefully; to hit someone or something hard; (noun) a strip of leather or other material worn to tie or buckle something around the body

43. Their company has been in business for a short time but has _____ goals.

adj. having a great desire to attain achievement, power, or wealth

ANSWERS: 35. suddenly, 36. competition, 37. planet, 38. fossil, 39. frequent, 40. trap, 41. amplify, 42. belting, 43. ambitious

44. _____ advances have disrupted many industries.

adj. based on scientific and industrial progress

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

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

46. _____ pattern roads often appear in urban areas.

n. a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region

47. The _____ distinctive black and white stripes help it blend into its surroundings in the wild.

n. a wild, horse-like mammal native to Africa with distinctive black-and-white stripes

48. The preservation of _____ is crucial in mitigating climate change, as they help regulate the Earth's temperature and reduce atmospheric carbon dioxide.

n. an area covered with peat (= a partially decayed organic matter formed from plants)

49. Their financing options are reasonable and easy to _____.

v. to help or benefit; to use or take advantage of

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

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

51. Our unfenced and largely unpoliced border inevitably has been very _____ for insurgents.

adj. having many small holes and being able to absorb or pass through fluids

ANSWERS: 44. Technological, 45. Biochar, 46. Grid, 47. zebra's, 48. peatlands, 49. avail, 50. capture, 51. porous

52. _____ efforts are necessary to combat deforestation and its negative environmental impact.
n. the process of replanting or regenerating forests, typically after they have been cut down or destroyed by natural disasters
53. He approved their requests to _____ the jury.
v. to take temporary possession of someone's property until a debt is paid.
54. The firm has grown into a large _____ manufacturing.
adj. relating to or connected with chemistry;
55. Don't _____ your mosquito bites.
v. to cut or damage the surface of something or the skin with a sharp or pointed object
56. The production of _____ fuels requires massive volumes of fresh water.
adj. capable of being renewed, extended, or replaced
57. I was amazed at the _____ of her generosity.
n. the point or degree or area to which something extends
58. The findings of the experiment were both _____ and unexpected.
adj. causing a lot of interest or excitement
59. His coach is a _____ Olympic champion.
adj. consisting of three items or people; three times as great or many
60. The rain and thunder are _____ today.
adj. stupid or not sensible; very angry

ANSWERS: 52. Reforestation, 53. sequester, 54. chemical, 55. scratch, 56. renewable, 57. extent, 58. exciting, 59. triple, 60. crazy

61. He was riding _____ on the sheep during the day.

n. a group of animals of the same type that live or are kept together as livestock

62. I feel so _____ without you.

adj. unable to take care of oneself or to do things without help

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

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

64. Many companies outsource and hire consultants to keep their _____ flexible.

n. all the people who work in a company, industry, country, etc.

65. The blood's red coloring comes from iron _____.

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

66. I want an _____ relationship with someone who truly cares.

adj. genuine; true in a real, authentic sense; not false or phony

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

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

68. We _____ the season's total trade deficit at \$50 billion.

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

69. The paper is _____ worth reading thoroughly.

adv. without any question and beyond doubt; clearly

ANSWERS: 61. herd, 62. helpless, 63. underground, 64. workforce, 65. oxide, 66. honest-to-goodness, 67. efficiency, 68. estimated, 69. definitely

70. It would be _____ to dress nicely for the wedding.

adj. suitable or proper in the circumstances; fitting

71. We _____ our mining resources to strengthen our national power.

v. to make full use of and gain an advantage from resources, opportunities, etc.

72. The global community is undergoing _____ changes at present.

adj. radical and extreme; likely to have a significant or far-reaching impact

73. They hope to _____ their business worldwide.

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

74. How did he _____ to your idea?

v. to take action in response to something

75. Many people in this city use the _____ railway for transportation.

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

76. I left my alpha _____ at home, so I had to borrow one from a classmate to finish my math homework.

n. a small electronic device for making arithmetic calculations

77. He was reluctant to leave his comfort _____ and try something new.

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

78. The new strategy will _____ the profitability of our company.

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

ANSWERS: 70. appropriate, 71. exploit, 72. drastic, 73. expand, 74. react, 75. loop, 76. calculator, 77. zone, 78. enhance

79. There are five distinct _____ at five unique wavelengths.

n. the act of production or sending out gas, heat, light, etc.

80. He has a flair for _____.

n. the science dealing with the logic of quantities, shapes, spaces, and arrangement

81. The phone rang at the most _____ time.

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

82. The job offer _____ a lot of responsibility and hard work.

v. to involve or require something as necessary, particularly as a consequence of a particular situation or action; to impose a burden or restriction on something

83. The battlefield became _____ on earth.

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

84. A smaller car will _____ less fuel.

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

85. Little children tend to have _____ friends.

adj. existing only in someone's mind

86. The _____ scarcity most severely impacted the manufacturing sector

n. a substance that is typically burned to generate heat or energy

ANSWERS: 79. emissions, 80. mathematics, 81. opportune, 82. entails, 83. hell, 84. consume, 85. imaginary, 86. fuel

87. The company's poor financial performance is likely to _____ the CEO's chances of being re-elected to the board.

- v.* to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger

88. The _____ plants need to be pollinated by local insects.

- adj.* someone or something that is native to or occurring naturally in a particular place

89. This exam requires excellent _____ to pass.

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

90. Several hectares of land are needed to generate more than 1-mega_____ solar power.

- n.* a standard unit for measuring electrical power

91. The military _____ between the two armies was one for the history books.

- n.* a long and eventful or heroic history, story, poem, or film; (adjective) very imposing or impressive

92. _____ surveys study the physical characteristics of the Earth's surface and subsurface.

- adj.* relating to the physical characteristics and processes of the Earth and its surrounding atmospheres, such as geology, meteorology, and oceanography

93. Certain _____ may promote tumor growth.

- n.* something that is added to something else to make it better or complete it

94. The _____ cause of the accident was the driver texting on their phone.

- adj.* very near or close, either in space or time; immediately preceding or following something

ANSWERS: 87. damn, 88. indigenous, 89. concentration, 90. watt, 91. epic, 92. Geophysical, 93. supplements, 94. proximate

95. The mobile application industry is a _____ one.

adj. involving competition or competitiveness

96. Bananas have their _____ taste and odor.

n. a typical feature or quality that can identify, tell apart, or describe something or somebody

97. His _____ in the other company is responsible for marketing.

n. a person or thing that corresponds to or has the same function as another person or thing

98. The automaker has been providing _____ car financing options since last year.

adj. not expensive and able to pay

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

adj. extremely vital or necessary

100. The proportion of female engineers has _____ increased.

adv. to a great extent or degree

101. The growth of the "sharing economy" is _____ for tech companies.

adj. immensely appealing in look or sound; having characteristics or qualities that make something appealing and valuable

102. His class will cover an introduction to agricultural _____.

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

ANSWERS: 95. competitive, 96. characteristic, 97. counterpart, 98. affordable, 99. crucial, 100. substantially, 101. attractive, 102. economics

103. The sheep _____ on the green grass in the meadow.

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

104. He found that it is difficult to _____ socially.

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

105. In junior high school, we had to dissect a frog in _____ class.

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

106. He always makes a _____ estimation when predicting future sales.

- adj.* holding traditional views and values and opposed to change or innovation

107. Due to budget constraints, the company had to _____ its marketing campaign for the new product.

- v.* to reduce or restrict something; to shorten or truncate; to cut short or bring to an abrupt end

108. Their disagreement caused a _____ in their friendship.

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

109. There are many theories to explain this _____.

- n.* a statement, situation, or person that has two opposite facts or features and therefore seems impossible, is difficult to understand, or is strange;

110. It is _____ that we leave for the airport now to catch our flight.

- adj.* requiring immediate attention or action; pressing

ANSWERS: 103. graze, 104. integrate, 105. biology, 106. conservative, 107. curtail, 108. rift, 109. paradox, 110. urgent

111. The _____ destroyed hundreds of homes and forced thousands of people to evacuate.

- n.* a large, uncontrolled fire that spreads quickly through a natural area such as a forest, grassland, or mountain slope

112. The majority of synthetic vitamins are _____ from oil.

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

113. He was known to be very _____ and would often work late into the night.

- adj.* hardworking, diligent, and persistent in effort

114. I don't _____ acting in such an important role.

- v.* to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy

115. The _____ handles multiple plot lines and has unpredictable ends.

- n.* a story or a description of a series of events or process of telling a story

116. It will take time for her mental scars to _____.

- v.* to make a wound or injury to become well again

117. The product developed through years of research continues to _____ the market.

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

118. The government should view children as national assets and actively _____ in them.

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

ANSWERS: 111. wildfire, 112. manufactured, 113. industrious, 114. fancy, 115. narrative, 116. heal, 117. electrify, 118. invest

119. Our company is strongly _____ to meeting customers' needs.

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

120. Meadows and pastures are examples of smaller-scale _____ in many parts of the world.

n. a large area of land covered mainly by grass, with few or no trees, and typically used for grazing livestock

121. The government tried to _____ the commercialization of this development.

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

122. The ship dropped _____ in the bay.

n. a device, typically made of metal, that is used to moor a ship or boat in a particular place, typically by being dropped to the seabed; a central cohesive source of support and stability

123. 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

124. Her excessive demands drove me _____.

adj. extremely stupid, crazy, or dangerous; mentally ill

125. There was a _____ between speed and accuracy in the task.

n. a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise

126. The _____ response team worked around the clock to aid those affected by the earthquake.

n. an unexpected event or series of events that cause widespread damage, destruction, or loss of life

ANSWERS: 119. committed, 120. grasslands, 121. accelerate, 122. anchor, 123. greenhouse, 124. insane, 125. trade-off, 126. disaster

127. The company is environmentally conscious, and _____ it uses sustainable materials in its products.

adv. indicating that what follows is an additional or supplementary point; furthermore; in addition to what has been said before

128. Government workers cannot _____ to political campaigns.

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

129. Flight across the _____ was a daring adventure in its day.

n. one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex

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

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

131. Plutonium has limited _____ applications.

adj. not involving violence, conflict, or war

132. That story was so _____ and it was scary.

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

133. The car _____ into the wall, causing significant damage.

v. to strike or push forcefully, often to cause damage; to batter or break open a door or barrier using brute force

134. The _____ area was home to many different species of birds.

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

ANSWERS: 127. moreover, 128. contribute, 129. continent, 130. tap, 131. peaceful, 132. realistic, 133. rammed, 134. wetland

135. The _____ victim had no way to defend themselves.

adj. having no luck; unfortunate

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

v. to introduce new methods, ideas, or products

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

adj. enormous amount; very heavy and solid

138. That statement by the prime minister drew _____ international criticism.

adj. (especially of a feeling) very strong; extremely sharp or severe

139. The construction of the new dam will _____ hundreds of families living downstream.

v. to force someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation

140. 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

141. These birds can only _____ in temperate climates.

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

142. The new regulations _____ a significant change in the industry standards.

v. to be the essential or fundamental elements or parts of something; to establish, appoint, or assign someone to a particular office or position; to make up or compose something

ANSWERS: 135. hapless, 136. innovate, 137. massive, 138. intense, 139. displace, 140. carbon, 141. survive, 142. constitute

143. The European Central Bank is Europe's _____ of the Federal Reserve.

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

144. The company is at the _____ of technological innovation in its industry.

n. the leading or forefront position in a movement, campaign, or trend; a person or group that is at the forefront of something new or innovative

145. Young people in this country should _____ military duties.

v. to do or begin to do something, such as an enterprise or responsibility

146. Your _____ reflects your thoughts.

n. an informal talk between two or more people to exchange their views, ideas, information, etc.

147. The company has made great strides in its _____ toward sustainability.

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

148. The unemployment rate in the first _____ was 2.3 percentage points higher than in the previous.

n. one of four equal parts; a fourth part or portion

149. The president will _____ the new embassy building next week.

v. to formally begin or initiate something, particularly a new project, organization, government, or system, often through an official ceremony

150. Recent electoral shocks have shaken the political _____ in Europe.

n. an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

ANSWERS: 143. equivalent, 144. vanguard, 145. undertake, 146. conversation, 147. progression, 148. quarter, 149. inaugurate, 150. landscape

151. Relations between the two countries have been relatively _____ due to the summit meeting.

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

152. Some people believe that human is _____ with reason and capable of distinguishing good from evil.

v. to give a quality, ability, or asset to a person or institution

153. The Queen attested the _____ of state ministers to their portfolios.

n. the act or process of fixing furniture, a machine, or a piece of equipment into position so that it can be used; the act or process of putting into an office or a position

154. The dictator was known for his _____ and oppressive regime.

adj. feeling or showing pleasure in causing pain or suffering to others

155. Later, his claim was found to be _____ false.

adv. completely

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

n. the top layer of Earth in which plants grow

157. She _____ her parents to let her go to the concert.

v. to ask for something urgently or earnestly; to appeal to someone to do something

158. This _____ does not require the patient's consent.

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

ANSWERS: 151. stable, 152. endowed, 153. installation, 154. cruel, 155. entirely, 156. Soil, 157. begged, 158. intervention

159. He quickly fabricated an _____ for not attending the meeting.

- n.* a reason or explanation, either true or invented, given to justify a fault or defend your behavior; (verb) to make someone free from blame or clear from guilt

160. The _____ of the statue caused much controversy in the community.

- n.* the act of taking something away or off from a particular place

161. The following example _____ that the capacity of each battery is the same.

- v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

162. The _____ CEO passed on the reins to his successor.

- adj.* withdrawing from a position or activity, or becoming more secluded or reserved

163. 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

164. The jury must _____ a decision on this complex case.

- v.* to bring someone or something into a particular state; to provide something such as service, help, etc.

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

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

166. This company has an entire recycling _____ including major reprocessing plants.

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

ANSWERS: 159. excuse, 160. removal, 161. assumes, 162. retiring, 163. atmosphere, 164. render, 165. introductory, 166. facility,

167. The restaurant's service was _____ slow.

adv. in a way that is not acceptable or satisfactory

168. The coach explained a strategy to _____ the opponent's schemes to the players.

v. to hinder or prevent efforts, plans, or desires from doing, succeeding, or being fulfilled; to make someone feel upset or annoyed because they are unable to change or achieve something

169. The town is exploring using _____ energy to power its homes and buildings.

adj. relating to or produced by the internal heat of the earth; often used to refer to energy produced by tapping into the natural heat of the earth

170. You _____ a bill in the change machine, and the coins pop out.

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

171. He was sick for five _____ days.

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

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

adj. of or relating to or resulting from industry

173. For this project to be successful, we must control _____ strictly.

n. the money, time, or effort incurred or required for something

ANSWERS: 167. unacceptably, 168. frustrate, 169. geothermal, 170. stick, 171. straight, 172. Industrial, 173. expenses

174. The decayed and _____ atmosphere of the abandoned house scared her.

adj. characterized by a preoccupation with death or unhealthy topics or behaviors; gruesome or disturbing

175. _____ a society is an organism.

adv. relating to the essential features or concepts of anything

176. She kept _____ for an ambulance.

v. to give a loud, high shout suddenly, especially because of fear, anger, excitement, etc.; to utter or declare in a very loud voice

177. Ecuador is on the _____.

n. an line of latitude that separates Earth's northern and southern hemispheres and has a radius of around 40,075 kilometers (24,901 miles)

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

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

179. It seems _____ that he has forgotten our scheduled meeting.

adj. likely to happen or likely to be true

180. 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

181. Jet _____ are the common name for air currents that form high in the atmosphere.

n. a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.

ANSWERS: 174. morbid, 175. Essentially, 176. screaming, 177. equator, 178. valley, 179. probable, 180. literally, 181. streams

182. Whenever I get a cold, I tend to _____ a lot.

- v.* to make a sudden, involuntary expulsion of air from the nose and mouth, usually due to irritation caused by the presence of dust, pollen, or other irritants

183. She was nearly _____ due to severe diabetes.

- adj.* unable to see; unable or unwilling to perceive or understand the true nature of something

184. The country's economy relies heavily on its _____ industry.

- n.* a flammable liquid consisting of a complex mixture of hydrocarbons that occurs naturally in certain rock formations and can also be refined to produce fuels such as gasoline, diesel, and jet fuel

185. The farmer's _____ was enough to grow and sell vegetables for their family at the local market.

- n.* a small farm or estate that the owner or family typically works; often used to describe a farm that is smaller than a standard agricultural unit

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

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

187. I need to _____ the recipe to make just enough for two people.

- v.* to divide something into two equal parts; to reduce something by half its original amount or size

188. The lack of funds has resulted in a _____ for our university system.

- n.* a sudden event that causes extreme ruin and misfortune

189. The truth was more _____ than expected.

- adj.* very strange or unusual

ANSWERS: 182. sneeze, 183. blind, 184. petroleum, 185. smallholding, 186. basis, 187. halve, 188. catastrophe, 189. bizarre

ANSWERS: