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Vocabulary Builder Reference from...

Rose M. Mutiso: How to bring affordable, sustainable electricity to Africa | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

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.

sub-Saharan

adj. of or relating to or situated in the area south of the Sahara Desert

(1) **sub-Saharan** Africa, (2) **sub-Saharan** countries

The coffee producers in **sub-Saharan** countries are at the sharp end of fluctuations in price.

poverty

n. the condition of being extremely poor

synonym: deprivation, destitution, poorness

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

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

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.

implication

n. something that is inferred or indirectly stated; the act or fact of being involved in something

synonym: suggestion, association, conclusion

(1) the **implication** in a crime, (2) the **implication** of a word

His poem has a very significant **implication**.

economy

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

synonym: finance, trade, business

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

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

develop

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

synonym: evolve, progress, advance

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

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

well-being

n. the state of being happy and healthy and prosperous

synonym: health, welfare, happiness

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

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

aspect

n. one part or feature of a situation, problem, subject, etc.
synonym: characteristic, element, factor

(1) nontechnical **aspects** of the job, (2) **aspects** of social, political, and economic life

His professional experience includes all **aspects** of media production.

infrastructure

n. the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies

synonym: foundation, framework

(1) IT **infrastructure**, (2) **infrastructure** cost

Aging societies tend to require huge costs for **infrastructure** maintenance.

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.

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.

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.

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.

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.

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.

pollution

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

synonym : corrosion, deterioration, corruption

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

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

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.

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.

inefficient

adj. lacking the ability or skill and not making the best use of time, money, energy, etc.

synonym: ineffective, counterproductive, inadequate

(1) **inefficient** use, (2) **inefficient** management

The system is still so **inefficient** that it is useless.

quadruple

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

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

His stock earnings **quadrupled**.

theoretical

adj. relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience

synonym: conceptual, conjectural, ideal

(1) **theoretical** models, (2) **theoretical** physicist

Absolute zero is the lowest **theoretical** temperature.

boom

n. a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound

synonym: roaring, prosperity, boost

(1) **boom** in sales, (2) a sonic **boom**

The high-technology industry is enjoying a **boom**.

trajectory

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

synonym: course, curve, orbit

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

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

electrification

n. the process of installing electrical equipment or infrastructure, especially in a place that previously only had non-electrical equipment or infrastructure; the act of supplying electrical energy to an object or system, causing it to become electrically charged;

(1) railway **electrification**, (2) **electrification** current
The village was excited about the **electrification** of their community, which would bring light to their homes.

large-scale

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

synonym: big, massive, grand

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

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

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.

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.

agriculture

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

synonym: farming, husbandry, agribusiness

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

Agriculture is the foundation of our economy.

mechanize

v. to equip with machinery or automatic equipment; to replace human labor with machines or automation in industry or other processes; to make a job or a procedure more systematic or efficient by the use of tools or technology

synonym: automate, motorize, robotize

(1) **mechanize** operations, (2) **mechanize** agriculture
The factory **mechanized** its production line to increase efficiency and reduce labor costs.

commerce

n. the activity of buying and selling things, especially on a large scale

synonym: trade, transaction, dealings

(1) interstate **commerce**, (2) the local chamber of **commerce**

This company has invested heavily in Internet **commerce**.

enterprise

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

synonym: business, company, industry

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

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

stimming

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

synonym: self-stimulation, repetitive behaviors

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

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

virtue

n. high moral standards in behavior or attitudes

synonym: integrity, probity, goodness

(1) **virtue** of frugality, (2) acquire a **virtue**

She had many good **virtues** and few faults.

cycle

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

synonym: revolution, rotation, bike

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

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

afford

v. to have enough money or time to be able to buy or do something

(1) **afford** to buy a new car, (2) **afford** a high travel cost
He cannot **afford** a holiday.

residential

adj. relating to, suitable for, or used for living in

synonym: domestic, homely, dwelling

(1) a **residential** district, (2) **residential** property

The city's **residential** area is known for its quiet streets and beautiful homes.

corruption

n. dishonest, harmful, or illegal behavior, especially of people in positions of power

synonym: depravity, bribery, degeneration

(1) **corruption** accusation, (2) federal **corruption** charges
Rampant **corruption** led to a loss of trust in the government.

inefficiency

n. the lack of ability or effectiveness in producing the desired results or outcomes; the quality of being wasteful or unproductive

synonym: ineffectiveness, inefficacy, inadequacy

(1) **inefficiency** in the system, (2) bureaucratic **inefficiency**

The company's **inefficiency** in handling customer requests led to many complaints.

rural

adj. of or relating to the countryside

synonym: agrarian, country, rustic

(1) **rural** accents, (2) people in **rural** areas

Many **rural** areas are still impoverished.

urban

adj. relating to or located in a town or city

synonym: metropolitan, civic

(1) **urban** planning, (2) **urban** property owners

Only a small number of **urban** utilities offer sanitation

services.

reliability

n. the quality of being able to be trusted or believed in doing what someone desires or requires

synonym: dependability, trustability, solidness

(1) improve **reliability**, (2) **reliability** test

The incident threw questions on her motivations and **reliability**.

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.

head-on

adj. occurring or done directly, without any intermediaries or avoidance; confronting or facing something directly, without any evasion or compromise

synonym: head-to-head, direct, confrontational

(1) **head-on** argument, (2) **head-on** approach

A **head-on** collision on the highway led to a major traffic jam.

wit

n. the ability to say or write things or ideas in a clever and humorous way

synonym: humor, comedy, funniness

(1) the **wit** of man, (2) full of **wit**

He has the **wit** to keep talking about this topic.

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.

disrupt

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

synonym : interrupt, disturb, break into

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

panel

n. a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something

synonym : board, commission, discussion

(1) **panel** discussion, (2) cost of solar **panels**

A **panel** of economic advisers from the United States visited the country to help rebuild its economy.

advance

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

synonym : progress, boost, come along

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

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

battery

n. a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

synonym : electric cell, array, batch

(1) a dry **battery**, (2) **battery** charging

The engine did not start because the **battery** was flat.

combine

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

synonym : coalesce, cohere, blend

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

(2) **combine** augmented reality

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

innovative

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

synonym : creative, ingenious, inventive

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

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

typical

adj. having the usual characteristics or traits of a specific group of things

synonym: characteristic, usual, distinctive

(1) **typical** leader, (2) fairly **typical** symptoms

This artwork is **typical** of her work.

kit

n. a set of tools, supplies, or equipment for a particular purpose

synonym: set, package, bundle

(1) survival **kit**, (2) a first-aid **kit**

I bought a new tool **kit** for my home repair projects.

fan

n. a person who admires and supports a person, group, sport, sports team, etc.; a device for creating a current of air by the movement of a surface or surfaces

synonym: lover, devotee, blade

(1) a film **fan**, (2) engine cooling **fan**

I'm a big **fan** of French food.

sector

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

synonym: division, department, branch

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

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

extend

v. to broaden in scope, range, or area

synonym: prolong, lengthen, advance

(1) **extend** the warranty, (2) **extend** a line

Her visit will **extend** from Monday to Friday.

poorest

adj. having the least wealth or resources

synonym : impecunious, penniless, least

(1) **poorest** of the poor, (2) **poorest** area

The **poorest** countries in the world often have the highest rates of malnutrition.

top-down

adj. controlled or implemented from the highest level of authority or management

synonym : centralized, hierarchical

(1) **top-down** management, (2) **top-down** approach

The **top-down** management approach could have been more effective in implementing organizational changes.

rehash

v. to discuss or go over something, especially ideas or information, that has already been discussed or gone over before; to present old material in a new or modified form

synonym : repeat, reiterate, recycle

(1) **rehash** old ideas, (2) **rehash** a story

I don't want to **rehash** the same argument we had last night.

played-out

adj. worn out or exhausted from use or activity; no longer having any novelty or interest

synonym : exhausted, worn out, outdated

(1) **played-out** idea, (2) **played-out** jokes

The trend of wearing oversized sweatshirts and bike shorts is now considered **played-out**.

debate

n. a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives

synonym : argument, discussion, dispute

(1) **debate** topic, (2) **debate** competition

The **debate** over climate change continues to be a hot topic in politics.

grapple

v. to make a strenuous effort to solve a problem; to engage in a close fight or conflict without weapons

synonym: brawl, scuffle, wrestle

(1) **grapple** with problem, (2) **grapple** with each other

He needed to **grapple** with structural reforms to improve the company's revenue.

stem

n. the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

synonym: branch, limb, (verb) come from

(1) **stem** from a belief, (2) the **stem** of a matchstick

A rose has thorns on its **stem**.

complexity

n. the state or quality of being complicated or intricate and difficult to understand

synonym: intricacy, sophistication, elaboration

(1) cognitive **complexity**, (2) **complexity** theory

The project's **complexity** made it difficult for the team to complete it on time.

systemic

adj. affecting or related to the whole of something, especially the human body or a society

(1) the **systemic** arteries, (2) **systemic** reforms of the organization

This vaccine causes mild **systemic** side effects.

prefer

v. to like, choose, or want one thing or person better than another

synonym: choose, like, favor

(1) **prefer** physics to chemistry, (2) **prefer** a window seat

The birds **prefer** open water areas with reeds around them.

misdirect

v. to give someone the wrong order, information, etc.; to send someone or something to the wrong place or wrong direction

synonym : misguide, mislead, botch

(1) **misdirect** my anger, (2) **misdirect** the letter

I believe this analysis is **misdirected** to some extent.

impose

v. to officially force a new law, tax, duty, etc. to be obeyed or received

synonym : charge, levy, foist

(1) **impose** harsher sanctions, (2) **impose** tariffs

The problem with achievement tests is the narrowness they **impose** on students.

paternalism

n. the practice or belief of governing or managing individuals or groups in a manner that is considered to be nurturing or protective but also limiting or controlling their freedom and autonomy

synonym : guardianship, fatherliness

(1) **paternalism** in healthcare, (2) critique of **paternalism**

The CEO's leadership style was characterized by **paternalism** towards his employees.

attitude

n. the way you think and feel about someone or something

synonym : mindset, perspective, philosophy

(1) **attitude** toward mistakes, (2) **attitude** control

She had the **attitude** that work was fun.

unpack

v. to open and remove stored items from a container or package; to analyze or examine something in detail, often to clarify or understand it better

synonym : dissect, unwrap, unbox

(1) **unpack** a crate, (2) **unpack** a concept

I need to **unpack** my suitcase and put my clothes away.

indicator

n. something that shows or points out what a situation is like or how a situation is changing

synonym : barometer, signal, index

(1) **indicator** lamp, (2) performance **indicators**

Several IT millionaires have shown that the level of education

is a relatively poor **indicator** of whether a business can be successfully run.

enshrine

v. to cherish or protect something as if it is sacred; to place something in a position of honor or respect

synonym: ensconce, preserve, cherish

(1) **enshrine** memories, (2) **enshrine** tradition

The Constitution **enshrines** the rights and freedoms of citizens.

sustainable

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

synonym: continuable, enduring, tolerable

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

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

binary

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

synonym: twofold, double

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

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

threshold

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

synonym: anteroom, brink, verge

(1) the **threshold** between rooms, (2) high pain **threshold**

She's on the **threshold** of adulthood.

ignore

v. to intentionally not listen or pay attention to

synonym: neglect, disregard, shun

(1) **ignore** her advice, (2) **ignore** a ban

Since independence, the area has been completely **ignored**.

utility

n. the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public

synonym : usefulness, practicality, utility

(1) **utility** costs, (2) marginal **utility**

The **utility** of the device was immediately apparent to all who saw it.

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.

clear-cut

adj. defined or delimited sharply and distinctly; easily seen or understood; without ambiguity or confusion

synonym : obvious, distinct, definitive

(1) **clear-cut** evidence, (2) **clear-cut** definition

The **clear-cut** instructions made the task simple and easy to follow.

prime

adj. main or most important; basic

synonym : excellent, exceptional, premium

(1) **prime** number, (2) deputy **prime** minister

After a thorough investigation, she has been named as the **prime** suspect.

minister

n. a person appointed to or a job of a head of a government department

synonym : bishop, official, ambassador

(1) **Minister** for Education, (2) deputy prime **minister**

The **minister** occasionally preaches at this church.

declare

v. to say, state, or announce something clearly, officially, or publicly

synonym : announce, state, affirm

(1) **declare** independence, (2) **declare** my love

Foreign goods from abroad must be **declared** to customs when entering a country.

criteria

n. (plural of criterion) standards or conditions by which something may be judged or decided

synonym: bars, benchmarks, standards

(1) **criteria** for action, (2) consistency **criteria**

He didn't meet all the **criteria**, but he was hired anyway.

transform

v. to change in outward structure or looks;

synonym: alter, convert, change

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

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

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.

define

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

synonym: characterize, depict, express

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

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

bulb

n. a rounded underground storage organ of some plants from which the plant grows; the rounded part of a cylindrical structure; electric lamp consisting of a glass ball

(1) wet- **bulb** thermometer, (2) a lily **bulb**

The light **bulb** has burned out.

romanticize

v. to make something seem more attractive or appealing than it is, especially by exaggerating or idealizing its qualities; to view or present something in a romantic or sentimental way

synonym: idealize, glorify, sentimentalize

(1) **romanticize** the past, (2) **romanticize** the idea of love

It is easy to **romanticize** a new job or opportunity, but it is important to remain objective and realistic about the challenges that come with it

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.

consumption

n. the amount used or eaten; the act of using up a resource such as energy, food, or materials

synonym: usage, uptake, utilization

(1) average fuel **consumption**, (2) the **consumption** of food

In our country, water **consumption** usually decreases during the winter.

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.

abundant

adj. present in great quantity

synonym: ample, plentiful, generative

(1) live an **abundant** life, (2) an **abundant** supply of water

The country has **abundant** oil and natural gas resources.

reliable

adj. worthy of being relied on; trustworthy

synonym : dependable, trustworthy, dedicated

(1) **reliable** access, (2) guarantee **reliable** delivery

Trains are **reliable**, inexpensive, and ideal for long-distance travel.

graph

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

synonym : chart, diagram, figure

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

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

mere

adj. used to emphasize how insignificant or minor someone or something is

synonym : bare, minor, sheer

(1) **mere** acquaintance, (2) **mere** incident

He lost the election by **mere** votes.

bump

v. to hit or knock against something hard, often with a dull sound; to meet with by accident

synonym : collide, hit, jolt

(1) **bump** against a wall, (2) **bump** up prices

She accidentally **bumped** into him in the crowded room.

emerging

adj. starting to exist, mature, or become well-known

synonym : arising, occurring, state-of-the-art

(1) **emerging** country, (2) **emerging** technologies

Emerging technologies have dramatically improved productivity in various industries.

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.

transition

n. the process or period of changing from one state or circumstance to another

synonym: change, growth, shift

(1) **transition** phase, (2) ensure a smooth **transition**

The nation's healthcare system is in **transition** at the moment.

distribute

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

synonym: broadcast, disperse, hand out

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

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

claim

v. to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true

synonym: assert, declare, maintain

(1) **claim** responsibility, (2) false **claim**

He wants to **claim** ownership of the abandoned property.

leapfrog

n. a children's game in which players take turns jumping over each other's stooped backs

synonym: hopping, jumpfrog

(1) **leapfrog** game, (2) **leapfrog** technology

During recess, the children played a game of **leapfrog** in the schoolyard.

solicitous

adj. showing concern or care for someone's well-being; anxious or attentive in expressing one's own needs or desires

synonym: concerned, attentive, caring

(1) **solicitous** care, (2) **solicitous** concern

The **solicitous** nurse made sure her patients were comfortable and well-cared for.

naive

adj. showing unaffected simplicity and lack of experience, wisdom, or judgment

synonym : innocent, unsophisticated, gullible

(1) **naive** belief, (2) **naive** mistake

The con artist's lies quickly took in the **naive** young man.

technological

adj. based on scientific and industrial progress

synonym : specialized, technical

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

Technological advances have disrupted many industries.

inspire

v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

synonym : boost, encourage, enlighten

(1) **inspire** a feeling of curiosity, (2) **inspire** him to write a novel

The unique style of this martial arts **inspired** many action film producers.

silicon

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

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

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

valley

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

synonym : canyon, gorge, dale

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

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

grant

v. to agree to give or allow somebody

synonym : allocate, authorize, give

(1) **grant** a new license, (2) **grant** a land

The chairperson **granted** him the right to speak.

underpin

v. to support or strengthen the foundations of something
synonym: support, foundation, base

(1) **underpin** a structure, (2) **underpin** democratization

The research findings **underpin** the theory that human activities cause global warming.

transformation

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

synonym: change, conversion, renewal

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

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

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.

rooftop

n. the upper surface or cover of a building's roof, often used for recreational or other purposes

synonym: roof, terrace, deck

(1) **rooftop** live, (2) **rooftop** deck

They held the dinner party on the **rooftop** terrace, enjoying the beautiful view of the city.

device

n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

synonym: gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of

battery.

absolutely

adv. without restriction or limitation; completely or utterly
synonym : completely, utterly, definitely

(1) **absolutely** against, (2) **absolutely** obsessed with the girl

I am **absolutely** opposed to his idea because of morality.

essential

adj. indispensable; fundamental
synonym : critical, crucial, basic

(1) **essential** amino acid, (2) **essential** commodities of life
Trial and error is an **essential** part of education.

governance

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

synonym : administration, management, direction

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

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

framework

n. the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text

synonym : structure, scheme, foundation

(1) legal **framework**, (2) the **framework** of a house

He devised a new analytical **framework** to capture the phenomenon.

ultimate

adj. furthest or highest in degree or order
synonym : highest, maximum, foremost

(1) the **ultimate** goal in life, (2) the **ultimate** luxury

Management must take **ultimate** responsibility for the accident.

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.

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.

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.

increasingly

adv. more and more

synonym : more and more, progressively

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

Our company found it **increasingly** difficult to keep up with the competition.

desperate

adj. feeling or showing a lack of hope and a willingness to do anything because of the problematic situation

synonym : anguish, frantic, hopeless

(1) her **desperate** screams, (2) **desperate** attempt

He was **desperate** when he lost all his money by gambling.

interconnect

v. to connect similar things

synonym : interlink, complect, annex

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

activities **interconnect** with the environment

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

robust

adj. sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity

synonym: healthy, strong, booming

(1) **robust** growth, (2) a **robust** appetite

The experiment yielded **robust** results that support his theory.

modern

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

synonym: contemporary, stylish, current

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

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

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.

socioeconomic

adj. relating to the social and economic factors that shape an individual, group, or community, particularly in terms of income, occupation, education, and social class

synonym: social, economic, financial

(1) **socioeconomic** status, (2) **socioeconomic** issues

The **socioeconomic** conditions of a country can significantly affect its political stability.

context

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

synonym: background, setting, environment

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

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

making a decision.

appeal

n. a serious, earnest, or urgent request for money, information, or help; a quality that makes somebody or something attractive or interest

synonym : request, charm, attraction

(1) draw out your **appeal**, (2) an **appeal** for help

He needed to resolve the problem as soon as possible, so he made an **appeal** directly.

bypass

n. an alternative road, channel, pipe, or connection that allows flow while the main one is closed or obstructed; (verb) to go past or round

(1) gastric **bypass** operation, (2) **bypass** circuit

This patient must undergo **bypass** surgery.

glacial

adj. relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement

synonym : cold, icy, frozen

(1) **glacial** movements, (2) **glacial** terrain

The **glacial** pace of the negotiations frustrated both parties.

pace

n. the speed at which someone or something moves, or the rate at which something happens or changes

synonym : gait, rate, speed

(1) at your own **pace**, (2) the runner's **pace**

The economy is growing at a supercharged **pace**.

government

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

synonym : administration, regime, state

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

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

skip

- v. to move along lightly and quickly, making a step from one foot to the other with a hop or bounce; to intentionally fail to do something which would normally do

synonym: bounce, spring, neglect

(1) **skip** across the country, (2) **skip** breakfast

We **skipped** the topic because it was too complicated.

bureaucracy

- n. a system of government in which most of the important decisions are made by state officials rather than by elected representatives

synonym: administration, government, system

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

The bumbling **bureaucracy** made it difficult to get the permits we needed.

confront

- v. to face, meet or deal with a problem or difficult situation or person

synonym: engage, encounter, contend

(1) **confront** a global warming, (2) **confront** the issue

He finally decided to **confront** problems directly.

institute

- n. an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something

synonym: academy, university, college

(1) **institute** a lawsuit, (2) research **institutes**

This region has many **institutes** offering higher education.

involve

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

synonym: implicate, include, engage

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

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

improvisation

n. the act of making something up on the spot or creating or performing something without preparation

synonym: spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only **improvisation**.

broad

adj. very wide; general

synonym: wide, expansive, comprehensive

(1) attract **broad** attention, (2) a **broad** mind

He accumulated wealth across a **broad** spectrum of assets.

environment

n. the natural world such as air, water, and land in which humans, animals, and plants live

synonym: atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

curb

v. to restrain, limit, or control something; to reduce or put a stop to something undesirable; (noun) the raised edge or barrier along the edge of a street, road, or sidewalk

synonym: restrain, limit, control

(1) **curb** appetite, (2) **curb** anxiety

He tried to **curb** his anger during the argument with his friend.

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.

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.

mutual

adj. common to or shared by two or more parties

synonym: shared, common, joint

(1) share of a **mutual** fund, (2) **mutual** efforts

They cooperated for their **mutual** benefit.

exclusive

adj. not divided or shared with others

synonym: sole, deluxe, limited

(1) **exclusive** authority, (2) **exclusive** clubs

The condo offers **exclusive** access to the beach.

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.

opposition

n. the act of disagreeing or resisting; the state of strong disagreement

synonym: resistance, hostility, antagonism

(1) **opposition** campaign, (2) meet with **opposition**

The **opposition** party strongly disagreed with the government's proposed legislation.

adapt

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

synonym: adjust, acclimate, accustom

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

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

resilient

adj. able to withstand or recover quickly from difficult conditions

synonym: robust, sturdy, tough

(1) a hard and **resilient** steel, (2) **resilient** population
She is a **resilient** person and has always bounced back from setbacks.

temperature

n. the degree of hotness or coldness of a thing or place
synonym: climate, warmth, degree

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

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

storage

n. the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information
synonym: storehouse, depository, warehousing

(1) a **storage** battery, (2) **storage** at low temperature
We store customer data in cloud **storage**.

pump

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

synonym: drain, inject, send

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

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

irrigation

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

(1) an **irrigation** ditch, (2) underground **irrigation** system
Archaeologists found traces of agricultural **irrigation** channels at the historic site.

extreme

adj. very great in amount or degree

synonym: farthestmost, outermost, fierce

(1) **extreme** sports, (2) **extreme** weather events
Solar gravity creates **extreme** pressures and temperatures.

expansion

n. the process of becoming larger or more extensive, or the result of this process

synonym: growth, enlargement, development

(1) industrial **expansion**, (2) **expansion** project

The company is undergoing an **expansion**, opening new locations in several states.

reinforcement

n. the act of strengthening, supporting, or consolidating; something that serves to strengthen or support

synonym: strengthening, support, underpinning

(1) social **reinforcement**, (2) **reinforcement** of beliefs

The wall was strengthened with the **reinforcement** of heavy steel beams.

intensive

adj. involving a lot of work or activity in a short time

synonym: thorough, comprehensive, in-depth

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

The construction industry is labor **intensive**, although it has been somewhat automated by introducing large machinery.

balance

n. a condition in which everything has the same weight or force; something left after other parts have been taken away

synonym: equilibrium, counterpoise, remainder

(1) the **balance** of power, (2) asset on the company's **balance** sheet

Try to keep a **balance** between work and off.

negotiable

adj. capable of being discussed and agreed upon; able to be changed or altered through negotiation

synonym: flexible, adjustable, adaptable

(1) a **negotiable** bill, (2) **negotiable** salary

The price of these items is **negotiable**, so feel free to make

an offer.

broaden

v. to make or become wider or more extensive; to make or become more tolerant or liberal.

synonym: expand, widen, enlarge

(1) **broaden** students' knowledge, (2) **broaden** their horizon

The company **broadened** its product line to include more customer options.

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**.

romantic

adj. of or relating to love or a sexual relationship

synonym: idealistic, unrealistic, amatory

(1) **romantic** movies, (2) **romantic** breakup

It was his first **romantic** love.

distract

v. to draw someone's attention away from what they are trying to do

synonym: divert, preoccupy, confuse

(1) **distract** attention from the real issue, (2) **distract** public opinion

Please don't **distract** me while I'm studying.

core

n. the most essential or fundamental part of something

synonym: center, basis, heart

(1) the **core** of an apple, (2) **core** business activity

These gas nebulas are merely newborn galactic **cores**.

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.

vast

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

synonym : expansive, extended, boundless

(1) **vast** majority, (2) **vast** desert

A **vast** audience viewed the broadcast.

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.

hydro

n. a prefix denoting water or relating to water, usually used in scientific or technical terminology

synonym : water, aqua, liquid

(1) **hydro** power, (2) **hydro** turbine

The **hydro** plant generates electricity by harnessing the power of water.

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.

efficiently

adv. in a way that produces maximum output with minimum effort or expense

synonym : expeditiously, skillfully, ably

(1) **efficiently** combined, (2) develop software more **efficiently**

We can resolve support requests quickly and **efficiently** by

utilization of AI.

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**.

navigate

v. to plan and direct the way that a ship, plane, etc. will travel, often by using a map

synonym : guide, helm, voyage

(1) **navigate** the Pacific, (2) **navigate** through a document

Our knowledge helps **navigate** our clients successfully.

quirk

n. a peculiar behavior, habit, or characteristic that is distinctive to an individual or group

synonym : eccentricity, idiosyncrasy, peculiarity

(1) personality **quirk**, (2) a **quirk** of fate

One of her **quirks** is that she always wears mismatched socks.

physics

n. the science of matter and energy and their interactions

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

He studied the **physics** of radiation.

incredible

adj. unbelievable; enormous

synonym : unbelievable, fantastical, inconceivable

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

Her response revealed **incredible** idiocy.

nowhere

adv. not in, at, or to any place; not anywhere

(1) **nowhere** else to go, (2) come out of **nowhere**

I've been thinking all day and getting **nowhere**.

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.

diverse

adj. including numerous categories of individuals or entities;
various

synonym: manifold, various, myriad

(1) **diverse** backgrounds, (2) a person of **diverse** talents

New York is a city with a **diverse** ethnic population.

deserve

v. to be worthy of or entitled to something, especially something good or valuable

synonym: merit, earn, justify

(1) **deserve** respect, (2) **deserve** this prize

The employee **deserved** the promotion for their hard work and dedication.

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.

Session 2: Spelling

1. hy__o power *n.* a prefix denoting water or relating to water, usually used in scientific or technical terminology
2. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
3. principles of sus_____le development *adj.* able to continue or be continued for a long time
4. have a st___e job *adj.* firm and steady; not easily moved, disturbed, or changed
5. de___e a word *v.* to state or explain precisely the nature, scope, or meaning of something
6. sy_____ic reforms of the organization *adj.* affecting or related to the whole of something, especially the human body or a society
7. wet-b__b thermometer *n.* a rounded underground storage organ of some plants from which the plant grows; the rounded part of a cylindrical structure; electric lamp consisting of a glass ball
8. ro_____ic breakup *adj.* of or relating to love or a sexual relationship
9. a st_____e battery *n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

ANSWERS: 1. hydro, 2. complexity, 3. sustainable, 4. stable, 5. define, 6. systemic, 7. bulb, 8. romantic, 9. storage

10. b__m in sales *n.* a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound
11. in____l a chairperson *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
12. sc____h my signature *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
13. dis_____te video content *v.* to give something to a large number of individuals, or to spread or furnish something
14. fa____ty design *n.* a building or place that provides a particular service or is used for a particular industry
15. career tra_____ry *n.* the curved path followed by an object moving through space
16. ele_____ion current *n.* the process of installing electrical equipment or infrastructure, especially in a place that previously only had non-electrical equipment or infrastructure; the act of supplying electrical energy to an object or system, causing it to become electrically charged;
17. m__e incident *adj.* used to emphasize how insignificant or minor someone or something is
18. a hard and re_____nt steel *adj.* able to withstand or recover quickly from difficult conditions

ANSWERS: 10. boom, 11. install, 12. scratch, 13. distribute, 14. facility, 15. trajectory, 16. electrification, 17. mere, 18. resilient

19. fairly ty____l symptoms *adj.* having the usual characteristics or traits of a specific group of things
20. crystalline si____n *n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers
21. ro____p live *n.* the upper surface or cover of a building's roof, often used for recreational or other purposes
22. ca____n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
23. mo____n poetry *adj.* of or belonging to the present time or recent times
24. w__t per square meter *n.* a standard unit for measuring electrical power
25. he____n argument *adj.* occurring or done directly, without any intermediaries or avoidance; confronting or facing something directly, without any evasion or compromise
26. avoid climate cat_____he *n.* a sudden event that causes extreme ruin and misfortune
27. ba____y charging *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
28. autistic st____ng *n.* a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation

ANSWERS: 19. typical, 20. silicon, 21. rooftop, 22. carbon, 23. modern, 24. watt, 25. head-on, 26. catastrophe, 27. battery, 28. stimming

29. st____e at low temperature *n.* the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information
30. sol_____us concern *adj.* showing concern or care for someone's well-being; anxious or attentive in expressing one's own needs or desires
31. v__t desert *adj.* enormous in size, number, amount, or quantity
32. im____e tariffs *v.* to officially force a new law, tax, duty, etc. to be obeyed or received
33. in_____ve agriculture *adj.* involving a lot of work or activity in a short time
34. interstate co_____ce *n.* the activity of buying and selling things, especially on a large scale
35. ex_____ve authority *adj.* not divided or shared with others
36. po_____t area *adj.* having the least wealth or resources
37. cat_____he risk management *n.* a sudden event that causes extreme ruin and misfortune
38. global em_____ons of greenhouse gases *n.* the act of production or sending out gas, heat, light, etc.
39. the c__e of an apple *n.* the most essential or fundamental part of something
40. di_____e backgrounds *adj.* including numerous categories of individuals or entities; various
41. at_____de toward mistakes *n.* the way you think and feel about someone or something

ANSWERS: 29. storage, 30. solicitous, 31. vast, 32. impose, 33. intensive, 34. commerce, 35. exclusive, 36. poorest, 37. catastrophe, 38. emission, 39. core, 40. diverse, 41. attitude

42. na_____te the Pacific *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
43. his business ent_____se *n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort
44. de_____te attempt *adj.* feeling or showing a lack of hope and a willingness to do anything because of the problematic situation
45. ro____t growth *adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
46. tra_____on phase *n.* the process or period of changing from one state or circumstance to another
47. el_____fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
48. ex_____e sports *adj.* very great in amount or degree
49. social rei_____ent *n.* the act of strengthening, supporting, or consolidating; something that serves to strengthen or support
50. en_____ne tradition *v.* to cherish or protect something as if it is sacred; to place something in a position of honor or respect
51. sub_____an countries *adj.* of or relating to or situated in the area south of the Sahara Desert
52. abs_____ly obsessed with the girl *adv.* without restriction or limitation; completely or utterly

ANSWERS: 42. navigate, 43. enterprise, 44. desperate, 45. robust, 46. transition, 47. electrify, 48. extreme, 49. reinforcement, 50. enshrine, 51. sub-Saharan, 52. absolutely

53. tr_____ff problem *n.* a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise
54. an ap____l for help *n.* a serious, earnest, or urgent request for money, information, or help; a quality that makes somebody or something attractive or interest
55. af____d to buy a new car *v.* to have enough money or time to be able to buy or do something
56. industrial ex_____on *n.* the process of becoming larger or more extensive, or the result of this process
57. to_____wn approach *adj.* controlled or implemented from the highest level of authority or management
58. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
59. underground irr_____on system *n.* the agricultural practice of supplying land with water through pipes or channels so that crops grow well
60. gov_____nt funding *n.* the group of people with authority to control a country or state
61. c__b anxiety *v.* to restrain, limit, or control something; to reduce or put a stop to something undesirable; (noun) the raised edge or barrier along the edge of a street, road, or sidewalk
62. people in ru__l areas *adj.* of or relating to the countryside
63. me_____ze agriculture *v.* to equip with machinery or automatic equipment; to replace human labor with machines or automation in industry or other processes; to make a job or a procedure more systematic or efficient by the use of tools or technology

ANSWERS: 53. trade-off, 54. appeal, 55. afford, 56. expansion, 57. top-down, 58. environment, 59. irrigation, 60. government, 61. curb, 62. rural, 63. mechanize

64. gl_____l terrain *adj.* relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement
65. gl_____l movements *adj.* relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement
66. mu____l efforts *adj.* common to or shared by two or more parties
67. a sonic b__m *n.* a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound
68. bureaucratic ine_____ncy *n.* the lack of ability or effectiveness in producing the desired results or outcomes; the quality of being wasteful or unproductive
69. the_____al physicist *adj.* relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
70. in_____te a lawsuit *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
71. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward

ANSWERS: 64. glacial, 65. glacial, 66. mutual, 67. boom, 68. inefficiency, 69. theoretical, 70. institute, 71. progression

72. environmental tr_____ff *n.* a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise
73. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
74. the th_____ld between rooms *n.* the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation
75. cl_____ut definition *adj.* defined or delimited sharply and distinctly; easily seen or understood; without ambiguity or confusion
76. qu_____le the price of gold *v.* to consist of four items or people; to become four times as great or many
77. an energy eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
78. em_____ng technologies *adj.* starting to exist, mature, or become well-known
79. electronic de____e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
80. by____s circuit *n.* an alternative road, channel, pipe, or connection that allows flow while the main one is closed or obstructed; (verb) to go past or round

ANSWERS: 72. trade-off, 73. develop, 74. threshold, 75. clear-cut, 76. quadruple, 77. efficiency, 78. emerging, 79. device, 80. bypass

81. inf_____ure cost *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
82. a ro___t appetite *adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
83. attract br___d attention *adj.* very wide; general
84. im___e harsher sanctions *v.* to officially force a new law, tax, duty, etc. to be obeyed or received
85. ex_____ve clubs *adj.* not divided or shared with others
86. the fr___e of the policy *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
87. ad_____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
88. save the pl___t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
89. br_____n their horizon *v.* to make or become wider or more extensive; to make or become more tolerant or liberal.
90. ex___d a line *v.* to broaden in scope, range, or area
91. p___p a secret out of success *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

ANSWERS: 81. infrastructure, 82. robust, 83. broad, 84. impose, 85. exclusive, 86. frame, 87. addition, 88. planet, 89. broaden, 90. extend, 91. pump

101. b__p against a wall *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
102. the sy____ic arteries *adj.* affecting or related to the whole of something, especially the human body or a society
103. the cycle of po____y *n.* the condition of being extremely poor
104. v__t majority *adj.* enormous in size, number, amount, or quantity
105. directly int_____ect with those systems *v.* to connect similar things
106. the ul____te goal in life *adj.* furthest or highest in degree or order
107. personality qu__k *n.* a peculiar behavior, habit, or characteristic that is distinctive to an individual or group
108. deputy pr__e minister *adj.* main or most important; basic
109. research in_____tes *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
110. a tra_____y missile *n.* the curved path followed by an object moving through space
111. ec____y of scale *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

ANSWERS: 101. bump, 102. systemic, 103. poverty, 104. vast, 105. interconnect, 106. ultimate, 107. quirk, 108. prime, 109. institute, 110. trajectory, 111. economy

112. rom_____ze the idea of love *v.* to make something seem more attractive or appealing than it is, especially by exaggerating or idealizing its qualities; to view or present something in a romantic or sentimental way
113. a gr__h sample *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
114. no_____e else to go *adv.* not in, at, or to any place; not anywhere
115. qu_____le the amount *v.* to consist of four items or people; to become four times as great or many
116. pr____r a window seat *v.* to like, choose, or want one thing or person better than another
117. ex_____ng news *adj.* causing a lot of interest or excitement
118. ca_____e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
119. na_____te through a document *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
120. eff_____ly combined *adv.* in a way that produces maximum output with minimum effort or expense
121. tr_____rm heat into power *v.* to change in outward structure or looks;
122. vi____e of frugality *n.* high moral standards in behavior or attitudes
123. imp_____ion on stage *n.* the act of making something up on the spot or creating or performing something without preparation

ANSWERS: 112. romanticize, 113. graph, 114. nowhere, 115. quadruple, 116. prefer, 117. exciting, 118. capture, 119. navigate, 120. efficiently, 121. transform, 122. virtue, 123. improvisation

124. mi_____ct my anger *v.* to give someone the wrong order, information, etc.; to send someone or something to the wrong place or wrong direction
125. in st___e condition *adj.* firm and steady; not easily moved, disturbed, or changed
126. ig___e her advice *v.* to intentionally not listen or pay attention to
127. go to the workplace by cy__e *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
128. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
129. gr__t a new license *v.* to agree to give or allow somebody
130. industrial se___r *n.* a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
131. marginal ut____y *n.* the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public
132. rei_____ent of beliefs *n.* the act of strengthening, supporting, or consolidating; something that serves to strengthen or support
133. the imp_____on in a crime *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
134. ru__l accents *adj.* of or relating to the countryside

ANSWERS: 124. misdirect, 125. stable, 126. ignore, 127. cycle, 128. industrious, 129. grant, 130. sector, 131. utility, 132. reinforcement, 133. implication, 134. rural

135. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
136. c__b appetite *v.* to restrain, limit, or control something; to reduce or put a stop to something undesirable; (noun) the raised edge or barrier along the edge of a street, road, or sidewalk
137. co____e chemically with another substance *v.* to join or merge to form a single thing or group
138. the____al models *adj.* relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
139. organic agr____re *n.* the practice or science of cultivating the land or raising stock
140. live an ab____nt life *adj.* present in great quantity
141. me____ze operations *v.* to equip with machinery or automatic equipment; to replace human labor with machines or automation in industry or other processes; to make a job or a procedure more systematic or efficient by the use of tools or technology
142. un____in democratization *v.* to support or strengthen the foundations of something
143. self-suf____nt economy *adj.* adequate; enough for a particular purpose or requirement
144. the w_t of man *n.* the ability to say or write things or ideas in a clever and humorous way

ANSWERS: 135. adapt, 136. curb, 137. combine, 138. theoretical, 139. agriculture, 140. abundant, 141. mechanize, 142. underpin, 143. sufficient, 144. wit

145. tec_____cal advancement *adj.* based on scientific and industrial progress
146. guarantee re_____le delivery *adj.* worthy of being relied on; trustworthy
147. en__w the scholarship *v.* to give a quality, ability, or asset to a person or institution
148. ad_____e the technology *v.* to go or move forward; to develop in a positive way
149. in_____e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
150. a qu_____r mile *n.* one of four equal parts; a fourth part or portion
151. opp_____on campaign *n.* the act of disagreeing or resisting; the state of strong disagreement
152. meet with opp_____on *n.* the act of disagreeing or resisting; the state of strong disagreement
153. de___e topic *n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives
154. de___e my position *v.* to state or explain precisely the nature, scope, or meaning of something
155. gr__h theory *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

ANSWERS: 145. technological, 146. reliable, 147. endow, 148. advance, 149. inspire, 150. quarter, 151. opposition, 152. opposition, 153. debate, 154. define, 155. graph

156. in_____e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
157. po_____t of the poor *adj.* having the least wealth or resources
158. ine_____nt use *adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
159. full of w_t *n.* the ability to say or write things or ideas in a clever and humorous way
160. gr__t a land *v.* to agree to give or allow somebody
161. a picture fr__e *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
162. af___d a high travel cost *v.* to have enough money or time to be able to buy or do something
163. the cy__e of the seasons *n.* an interval during which a recurring sequence of events occurs; a bicycle or motorcycle
164. a br__d mind *adj.* very wide; general
165. asset on the company's ba_____e sheet *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away
166. false cl__m *v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true

ANSWERS: 156. involve, 157. poorest, 158. inefficient, 159. wit, 160. grant, 161. frame, 162. afford, 163. cycle, 164. broad, 165. balance, 166. claim

167. res_____al property *adj.* relating to, suitable for, or used for living in
168. dis_____te wealth evenly *v.* to give something to a large number of individuals, or to spread or furnish something
169. at inc_____le speed *adj.* unbelievable; enormous
170. gastric by____s operation *n.* an alternative road, channel, pipe, or connection that allows flow while the main one is closed or obstructed; (verb) to go past or round
171. jazz imp_____ion *n.* the act of making something up on the spot or creating or performing something without preparation
172. soc_____mic status *adj.* relating to the social and economic factors that shape an individual, group, or community, particularly in terms of income, occupation, education, and social class
173. better fuel eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
174. mi_____ct the letter *v.* to give someone the wrong order, information, etc.; to send someone or something to the wrong place or wrong direction
175. di_____ct attention from the real issue *v.* to draw someone's attention away from what they are trying to do
176. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 167. residential, 168. distribute, 169. incredible, 170. bypass, 171. improvisation, 172. socioeconomic, 173. efficiency, 174. misdirect, 175. distract, 176. opportune

177. in___t in stocks *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
178. de_____e my love *v.* to say, state, or announce something clearly, officially, or publicly
179. a fo___l leaf *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
180. a g__d design *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
181. an irr_____on ditch *n.* the agricultural practice of supplying land with water through pipes or channels so that crops grow well
182. IT inf_____ure *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
183. in_____or lamp *n.* something that shows or points out what a situation is like or how a situation is changing
184. re___h a story *v.* to discuss or go over something, especially ideas or information, that has already been discussed or gone over before; to present old material in a new or modified form
185. nuclear ph_____s *n.* the science of matter and energy and their interactions

ANSWERS: 177. invest, 178. declare, 179. fossil, 180. grid, 181. irrigation, 182. infrastructure, 183. indicator, 184. rehash, 185. physics

186. b__p up prices *v.* to hit or knock against something hard, often with a dull sound; to meet with by accident
187. in___t capital *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
188. geo_____al drilling *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
189. a sense of wel_____ng *n.* the state of being happy and healthy and prosperous
190. the s__m of a matchstick *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
191. a cell phone with an internet
fa_____ty *n.* a building or place that provides a particular service or is used for a particular industry
192. basin-shaped va___y *n.* a long depression on the surface of the land, which typically contains a river
193. the fr_____rk of a house *n.* the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
194. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
195. es_____al commodities of life *adj.* indispensable; fundamental

ANSWERS: 186. bump, 187. invest, 188. geothermal, 189. well-being, 190. stem, 191. facility, 192. valley, 193. framework, 194. complexity, 195. essential

196. cast a tra_____ion spell *n.* a complete change in form, nature, or appearance of someone or something
197. engine cooling f_n *n.* a person who admires and supports a person, group, sport, sports team, etc.; a device for creating a current of air by the movement of a surface or surfaces
198. average fuel con_____on *n.* the amount used or eaten; the act of using up a resource such as energy, food, or materials
199. the runner's p__e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
200. a dry ba_____y *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
201. high levels of air po_____on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
202. human activities int_____ect with the environment *v.* to connect similar things
203. di_____t sleep *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
204. cr_____ia for action *n.* (plural of criterion) standards or conditions by which something may be judged or decided
205. a cr_____l issue for women *adj.* extremely vital or necessary

ANSWERS: 196. transformation, 197. fan, 198. consumption, 199. pace, 200. battery, 201. pollution, 202. interconnect, 203. disrupt, 204. criteria, 205. crucial

206. an ab____nt supply of water *adj.* present in great quantity
207. en____ne memories *v.* to cherish or protect something as if it is sacred; to place something in a position of honor or respect
208. s__m from a belief *n.* the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in
209. Mi____er for Education *n.* a person appointed to or a job of a head of a government department
210. burning of fo____l fuels *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
211. le____og game *n.* a children's game in which players take turns jumping over each other's stooped backs
212. the local chamber of co____ce *n.* the activity of buying and selling things, especially on a large scale
213. her de____te screams *adj.* feeling or showing a lack of hope and a willingness to do anything because of the problematic situation
214. a wire g__d *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
215. chemical ad____on *n.* the act or process of adding something to something else; the process of adding numbers

ANSWERS: 206. abundant, 207. enshrine, 208. stem, 209. minister, 210. fossil, 211. leapfrog, 212. commerce, 213. desperate, 214. grid, 215. addition

216. re_____le energy	<i>adj.</i> capable of being renewed, extended, or replaced
217. pre-mo___n agricultural society	<i>adj.</i> of or belonging to the present time or recent times
218. environmental po_____on	<i>n.</i> the introduction of harmful substances or waste into the natural environment that causes adverse change
219. the ul_____te luxury	<i>adj.</i> furthest or highest in degree or order
220. gov_____nt bureaucracy	<i>n.</i> the group of people with authority to control a country or state
221. lar_____le agriculture	<i>adj.</i> involving many people or things and involving a lot of change or activity
222. cor_____on accusation	<i>n.</i> dishonest, harmful, or illegal behavior, especially of people in positions of power
223. an op_____ne remark	<i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose
224. aff_____le solution	<i>adj.</i> not expensive and able to pay
225. in_____e a lot of paperwork	<i>v.</i> to include or affect someone or something as a necessary part of something else
226. ig___e a ban	<i>v.</i> to intentionally not listen or pay attention to
227. laws of ph_____s	<i>n.</i> the science of matter and energy and their interactions
228. st_____ng therapy	<i>n.</i> a behavior often exhibited by individuals on the autism spectrum characterized by repetitive bodily movements or sounds, such as hand flapping or rocking, often used as a form of self-regulation or sensory stimulation

ANSWERS: 216. renewable, 217. modern, 218. pollution, 219. ultimate, 220. government, 221. large-scale, 222. corruption, 223. opportune, 224. affordable, 225. involve, 226. ignore, 227. physics, 228. stimming

229. as___ts of social, political, and economic life *n.* one part or feature of a situation, problem, subject, etc.
230. personal na_____ve *n.* a story or a description of a series of events or process of telling a story
231. critique of pat_____sm *n.* the practice or belief of governing or managing individuals or groups in a manner that is considered to be nurturing or protective but also limiting or controlling their freedom and autonomy
232. arbitrary bur_____cy *n.* a system of government in which most of the important decisions are made by state officials rather than by elected representatives
233. co_____nt a global warming *v.* to face, meet or deal with a problem or difficult situation or person
234. re_____nt population *adj.* able to withstand or recover quickly from difficult conditions
235. stylistically inn_____ve works *adj.* introducing or using new methods, ideas, etc.
236. undertake an ent_____se *n.* a business or company; a purposeful or industrious undertaking, especially one that requires effort
237. ex_____on project *n.* the process of becoming larger or more extensive, or the result of this process
238. ine_____ncy in the system *n.* the lack of ability or effectiveness in producing the desired results or outcomes; the quality of being wasteful or unproductive

ANSWERS: 229. aspect, 230. narrative, 231. paternalism, 232. bureaucracy, 233. confront, 234. resilient, 235. innovative, 236. enterprise, 237. expansion, 238. inefficiency

239. in_____l a door *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
240. pat_____sm in healthcare *n.* the practice or belief of governing or managing individuals or groups in a manner that is considered to be nurturing or protective but also limiting or controlling their freedom and autonomy
241. cl_____ut evidence *adj.* defined or delimited sharply and distinctly; easily seen or understood; without ambiguity or confusion
242. a res_____al district *adj.* relating to, suitable for, or used for living in
243. government bur_____cy *n.* a system of government in which most of the important decisions are made by state officials rather than by elected representatives
244. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
245. cr_____l information *adj.* extremely vital or necessary
246. a bi____y number *n.* a system of numbers that uses only two digits, 0 and 1
247. inc_____le amount *adj.* unbelievable; enormous
248. trading in bi____y options *n.* a system of numbers that uses only two digits, 0 and 1
249. ex____d the warranty *v.* to broaden in scope, range, or area

ANSWERS: 239. install, 240. paternalism, 241. clear-cut, 242. residential, 243. bureaucracy, 244. environment, 245. crucial, 246. binary, 247. incredible, 248. binary, 249. extend

250. legal fr_____rk *n.* the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
251. ty_____l leader *adj.* having the usual characteristics or traits of a specific group of things
252. improve rel_____ty *n.* the quality of being able to be trusted or believed in doing what someone desires or requires
253. a cold cl_____e *n.* the weather in a particular location averaged over some long period
254. performance in_____ors *n.* something that shows or points out what a situation is like or how a situation is changing
255. cl__m responsibility *v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
256. na__e mistake *adj.* showing unaffected simplicity and lack of experience, wisdom, or judgment
257. na__e belief *adj.* showing unaffected simplicity and lack of experience, wisdom, or judgment
258. in_____te a new method *v.* to introduce new methods, ideas, or products
259. 30-w__t light bulb *n.* a standard unit for measuring electrical power
260. ca____n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

ANSWERS: 250. framework, 251. typical, 252. reliability, 253. climate, 254. indicator, 255. claim, 256. naive, 257. naive, 258. innovate, 259. watt, 260. carbon

261. si_____n wafer *n.* a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers
262. hy__o turbine *n.* a prefix denoting water or relating to water, usually used in scientific or technical terminology
263. rom_____ze the past *v.* to make something seem more attractive or appealing than it is, especially by exaggerating or idealizing its qualities; to view or present something in a romantic or sentimental way
264. tr_____rm an education system *v.* to change in outward structure or looks;
265. un_____in a structure *v.* to support or strengthen the foundations of something
266. deputy prime mi_____er *n.* a person appointed to or a job of a head of a government department
267. ad_____e a cooperative relationship *v.* to go or move forward; to develop in a positive way
268. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward
269. in_____ve care *adj.* involving a lot of work or activity in a short time
270. sc_____h off a name *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
271. un___k a crate *v.* to open and remove stored items from a container or package; to analyze or examine something in detail, often to clarify or understand it better

ANSWERS: 261. silicon, 262. hydro, 263. romanticize, 264. transform, 265. underpin, 266. minister, 267. advance, 268. progression, 269. intensive, 270. scratch, 271. unpack

272. come out of no____e *adv.* not in, at, or to any place; not anywhere
273. ut____y costs *n.* the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public
274. survival k_t *n.* a set of tools, supplies, or equipment for a particular purpose
275. share of a mu____l fund *adj.* common to or shared by two or more parties
276. ur__n property owners *adj.* relating to or located in a town or city
277. en__w him with the power *v.* to give a quality, ability, or asset to a person or institution
278. re____h old ideas *v.* to discuss or go over something, especially ideas or information, that has already been discussed or gone over before; to present old material in a new or modified form
279. in____te the quality of his life *v.* to introduce new methods, ideas, or products
280. va____y bottom *n.* a long depression on the surface of the land, which typically contains a river
281. co____nt the issue *v.* to face, meet or deal with a problem or difficult situation or person
282. a film f_n *n.* a person who admires and supports a person, group, sport, sports team, etc.; a device for creating a current of air by the movement of a surface or surfaces
283. le____og technology *n.* a children's game in which players take turns jumping over each other's stooped backs

ANSWERS: 272. nowhere, 273. utility, 274. kit, 275. mutual, 276. urban, 277. endow, 278. rehash, 279. innovate, 280. valley, 281. confront, 282. fan, 283. leapfrog

284. ex____ng football player *adj.* causing a lot of interest or excitement
285. pa__l discussion *n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
286. a qu__k of fate *n.* a peculiar behavior, habit, or characteristic that is distinctive to an individual or group
287. ine_____nt management *adj.* lacking the ability or skill and not making the best use of time, money, energy, etc.
288. re____le access *adj.* worthy of being relied on; trustworthy
289. c__e business activity *n.* the most essential or fundamental part of something
290. intensive agr_____re *n.* the practice or science of cultivating the land or raising stock
291. ind_____us student *adj.* hardworking, diligent, and persistent in effort
292. face inc_____gly complicated challenges *adv.* more and more
293. es____al amino acid *adj.* indispensable; fundamental
294. nontechnical as____ts of the job *n.* one part or feature of a situation, problem, subject, etc.
295. extreme tem_____res *n.* the degree of hotness or coldness of a thing or place

ANSWERS: 284. exciting, 285. panel, 286. quirk, 287. inefficient, 288. reliable, 289. core, 290. agriculture, 291. industrious, 292. increasingly, 293. essential, 294. aspect, 295. temperature

296. ec____y class *n.* the system by which a country or region produces, manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
297. pla_____ut jokes *adj.* worn out or exhausted from use or activity; no longer having any novelty or interest
298. end of the first qu____r *n.* one of four equal parts; a fourth part or portion
299. na_____ve poetry *n.* a story or a description of a series of events or process of telling a story
300. gr____e with problem *v.* to make a strenuous effort to solve a problem; to engage in a close fight or conflict without weapons
301. ma____e amounts *adj.* enormous amount; very heavy and solid
302. historical co____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
303. de____e respect *v.* to be worthy of or entitled to something, especially something good or valuable
304. use of inn_____ve technology *adj.* introducing or using new methods, ideas, etc.
305. ma____e stars *adj.* enormous amount; very heavy and solid
306. a lily b__b *n.* a rounded underground storage organ of some plants from which the plant grows; the rounded part of a cylindrical structure; electric lamp consisting of a glass ball

ANSWERS: 296. economy, 297. played-out, 298. quarter, 299. narrative, 300. grapple, 301. massive, 302. context, 303. deserve, 304. innovative, 305. massive, 306. bulb

307. gr_____e with each other *v.* to make a strenuous effort to solve a problem; to engage in a close fight or conflict without weapons
308. el_____fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
309. rel_____ty test *n.* the quality of being able to be trusted or believed in doing what someone desires or requires
310. sol_____us care *adj.* showing concern or care for someone's well-being; anxious or attentive in expressing one's own needs or desires
311. draw out your ap____l *n.* a serious, earnest, or urgent request for money, information, or help; a quality that makes somebody or something attractive or interest
312. the con_____on of food *n.* the amount used or eaten; the act of using up a resource such as energy, food, or materials
313. de____e competition *n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives
314. ur__n planning *adj.* relating to or located in a town or city
315. em_____ng country *adj.* starting to exist, mature, or become well-known

ANSWERS: 307. grapple, 308. electrify, 309. reliability, 310. solicitous, 311. appeal, 312. consumption, 313. debate, 314. urban, 315. emerging

316. the tra_____ion of a tadpole into a frog *n.* a complete change in form, nature, or appearance of someone or something
317. develop software more eff_____ly *adv.* in a way that produces maximum output with minimum effort or expense
318. br_____n students' knowledge *v.* to make or become wider or more extensive; to make or become more tolerant or liberal.
319. the wel_____ng of a nation *n.* the state of being happy and healthy and prosperous
320. at your own p___e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
321. di_____t a well-ordered condition *v.* to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
322. consistency cr_____ia *n.* (plural of criterion) standards or conditions by which something may be judged or decided
323. the atmospheric tem_____re *n.* the degree of hotness or coldness of a thing or place
324. private se_____r *n.* a distinct part or division of something often used to refer to a segment of an economy or industry; an area or field of work or activity
325. s___p across the country *v.* to move along lightly and quickly, making a step from one foot to the other with a hop or bounce; to intentionally fail to do something which would normally do

ANSWERS: 316. transformation, 317. efficiently, 318. broaden, 319. well-being, 320. pace, 321. disrupt, 322. criteria, 323. temperature, 324. sector, 325. skip

326. geo_____al activity *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
327. s__p breakfast *v.* to move along lightly and quickly, making a step from one foot to the other with a hop or bounce; to intentionally fail to do something which would normally do
328. ca_____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
329. po_____y alleviation *n.* the condition of being extremely poor
330. legal co_____t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
331. to_____wn management *adj.* controlled or implemented from the highest level of authority or management
332. the em_____on of light *n.* the act of production or sending out gas, heat, light, etc.
333. co_____e augmented reality *v.* to join or merge to form a single thing or group
334. a first-aid k_t *n.* a set of tools, supplies, or equipment for a particular purpose
335. lar_____le project *adj.* involving many people or things and involving a lot of change or activity
336. inc_____gly become common *adv.* more and more

ANSWERS: 326. geothermal, 327. skip, 328. capture, 329. poverty, 330. context, 331. top-down, 332. emission, 333. combine, 334. kit, 335. large-scale, 336. increasingly

337. at____de control *n.* the way you think and feel about someone or something
338. aff_____le housing *adj.* not expensive and able to pay
339. tec_____cal policy *adj.* based on scientific and industrial progress
340. m__e acquaintance *adj.* used to emphasize how insignificant or minor someone or something is
341. cost of solar pa__ls *n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
342. a neg_____le bill *adj.* capable of being discussed and agreed upon; able to be changed or altered through negotiation
343. acquire a vi____e *n.* high moral standards in behavior or attitudes
344. di_____ct public opinion *v.* to draw someone's attention away from what they are trying to do
345. ro_____ic movies *adj.* of or relating to love or a sexual relationship
346. un____k a concept *v.* to open and remove stored items from a container or package; to analyze or examine something in detail, often to clarify or understand it better
347. ad__t as needed *v.* to make fit for or change to suit a new purpose or environment

ANSWERS: 337. attitude, 338. affordable, 339. technological, 340. mere, 341. panel, 342. negotiable, 343. virtue, 344. distract, 345. romantic, 346. unpack, 347. adapt

348. high pain th_____ld *n.* the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation
349. beginning of the ind_____al revolution *adj.* of or relating to or resulting from industry
350. pr____r physics to chemistry *v.* to like, choose, or want one thing or person better than another
351. pl____t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
352. re_____le subscriptions *adj.* capable of being renewed, extended, or replaced
353. ind_____al alcohol *adj.* of or relating to or resulting from industry
354. a person of di_____e talents *adj.* including numerous categories of individuals or entities; various
355. sub_____an Africa *adj.* of or relating to or situated in the area south of the Sahara Desert
356. the imp_____on of a word *n.* something that is inferred or indirectly stated; the act or fact of being involved in something
357. pla_____ut idea *adj.* worn out or exhausted from use or activity; no longer having any novelty or interest
358. ro_____p deck *n.* the upper surface or cover of a building's roof, often used for recreational or other purposes

ANSWERS: 348. threshold, 349. industrial, 350. prefer, 351. planet, 352. renewable, 353. industrial, 354. diverse, 355. sub-Saharan, 356. implication, 357. played-out, 358. rooftop

359. ex____e weather events *adj.* very great in amount or degree
360. soc_____mic issues *adj.* relating to the social and economic factors that shape an individual, group, or community, particularly in terms of income, occupation, education, and social class
361. effects of cl____e change *n.* the weather in a particular location averaged over some long period
362. he____n approach *adj.* occurring or done directly, without any intermediaries or avoidance; confronting or facing something directly, without any evasion or compromise
363. p__p blood throughout the body *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
364. good gov_____ce *n.* the act or process of governing or managing a political, social, or economic entity; the systems or principles that guide such processes
365. suf_____nt time *adj.* adequate; enough for a particular purpose or requirement
366. pr__e number *adj.* main or most important; basic
367. sus_____le alternative fuel *adj.* able to continue or be continued for a long time
368. federal cor_____on charges *n.* dishonest, harmful, or illegal behavior, especially of people in positions of power

ANSWERS: 359. extreme, 360. socioeconomic, 361. climate, 362. head-on, 363. pump, 364. governance, 365. sufficient, 366. prime, 367. sustainable, 368. corruption

369. corporate gov_____ce

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

370. de_____p a strategy

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

ANSWERS: 369. governance, 370. develop

Session 3: Fill in the Blanks

1. Trains are _____ inexpensive, and ideal for long-distance travel.
adj. worthy of being relied on; trustworthy
2. During recess, the children played a game of _____ in the schoolyard.
n. a children's game in which players take turns jumping over each other's stooped backs
3. 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
4. She had the _____ that work was fun.
n. the way you think and feel about someone or something
5. He cannot _____ a holiday.
v. to have enough money or time to be able to buy or do something
6. The phone rang at the most _____ time.
adj. suitable or happening at a time that is suitable or convenient for a particular purpose
7. Our knowledge helps _____ our clients successfully.
v. to plan and direct the way that a ship, plane, etc. will travel, often by using a map
8. He devised a new analytical _____ to capture the phenomenon.
n. the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text

ANSWERS: 1. reliable, 2. leapfrog, 3. geothermal, 4. attitude, 5. afford, 6. opportune, 7. navigate, 8. framework

9. Many studies have investigated the relationship between _____ and academic achievement.
n. the condition of being extremely poor
10. The _____ is endangering the local plants and animals.
n. the introduction of harmful substances or waste into the natural environment that causes adverse change
11. It was his first _____ love.
adj. of or relating to love or a sexual relationship
12. _____ is the second most abundant element on earth after oxygen.
n. a chemical element with the symbol Si that is a hard, brittle crystalline solid with a blue-grey metallic luster and used for the transistors and integrated circuit chips in computers
13. A _____ audience viewed the broadcast.
adj. enormous in size, number, amount, or quantity
14. _____ advances have disrupted many industries.
adj. based on scientific and industrial progress
15. The government should do more to support environmentally _____ agriculture.
adj. able to continue or be continued for a long time
16. He needed to _____ with structural reforms to improve the company's revenue.
v. to make a strenuous effort to solve a problem; to engage in a close fight or conflict without weapons

ANSWERS: 9. poverty, 10. pollution, 11. romantic, 12. Silicon, 13. vast, 14. Technological, 15. sustainable, 16. grapple

17. The company is planning to make a _____ expansion of its factory.
adj. involving many people or things and involving a lot of change or activity
18. I'm a big ____ of French food.
n. a person who admires and supports a person, group, sport, sports team, etc.; a device for creating a current of air by the movement of a surface or surfaces
19. Please don't _____ me while I'm studying.
v. to draw someone's attention away from what they are trying to do
20. The _____ management approach could have been more effective in implementing organizational changes.
adj. controlled or implemented from the highest level of authority or management
21. Aging societies tend to require huge costs for _____ maintenance.
n. the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
22. The _____ conditions of a country can significantly affect its political stability.
adj. relating to the social and economic factors that shape an individual, group, or community, particularly in terms of income, occupation, education, and social class
23. To advance this discussion, we must _____ "success" rigorously.
v. to state or explain precisely the nature, scope, or meaning of something
24. The economy is growing at a supercharged _____.
n. the speed at which someone or something moves, or the rate at which something happens or changes

ANSWERS: 17. large-scale, 18. fan, 19. distract, 20. top-down, 21. infrastructure, 22. socioeconomic, 23. define, 24. pace

25. She accidentally _____ into him in the crowded room.

- v.* to hit or knock against something hard, often with a dull sound; to meet with by accident

26. Their headquarters are in a _____ skyscraper.

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

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

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

28. This company has invested heavily in Internet _____.

- n.* the activity of buying and selling things, especially on a large scale

29. The _____ party strongly disagreed with the government's proposed legislation.

- n.* the act of disagreeing or resisting; the state of strong disagreement

30. He created a beautiful piece of music using only _____.

- n.* the act of making something up on the spot or creating or performing something without preparation

31. The city's _____ area is known for its quiet streets and beautiful homes.

- adj.* relating to, suitable for, or used for living in

32. A _____ collision on the highway led to a major traffic jam.

- adj.* occurring or done directly, without any intermediaries or avoidance; confronting or facing something directly, without any evasion or compromise

ANSWERS: 25. bumped, 26. modern, 27. stimming, 28. commerce, 29. opposition, 30. improvisation, 31. residential, 32. head-on

33. The lack of funds has resulted in a _____ for our university system.

n. a sudden event that causes extreme ruin and misfortune

34. The findings of the experiment were both _____ and unexpected.

adj. causing a lot of interest or excitement

35. 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

36. Don't _____ your mosquito bites.

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

37. The coffee producers in _____ countries are at the sharp end of fluctuations in price.

adj. of or relating to or situated in the area south of the Sahara Desert

38. I don't want to _____ the same argument we had last night.

v. to discuss or go over something, especially ideas or information, that has already been discussed or gone over before; to present old material in a new or modified form

39. The incident threw questions on her motivations and _____.

n. the quality of being able to be trusted or believed in doing what someone desires or requires

40. He lost the election by _____ votes.

adj. used to emphasize how insignificant or minor someone or something is

ANSWERS: 33. catastrophe, 34. exciting, 35. endowed, 36. scratch, 37. sub-Saharan, 38. rehash, 39. reliability, 40. mere

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

adj. hardworking, diligent, and persistent in effort

42. This bar _____ shows sales over the past five years.

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

43. The system is still so _____ that it is useless.

adj. lacking the ability or skill and not making the best use of time, money, energy, etc.

44. He accumulated wealth across a _____ spectrum of assets.

adj. very wide; general

45. He studied the _____ of radiation.

n. the science of matter and energy and their interactions

46. The Constitution _____ the rights and freedoms of citizens.

v. to cherish or protect something as if it is sacred; to place something in a position of honor or respect

47. Her visit will _____ from Monday to Friday.

v. to broaden in scope, range, or area

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

n. a standard unit for measuring electrical power

49. They cooperated for their _____ benefit.

adj. common to or shared by two or more parties

ANSWERS: 41. industrious, 42. graph, 43. inefficient, 44. broad, 45. physics, 46. enshrines, 47. extend, 48. watt, 49. mutual

50. The _____ plant generates electricity by harnessing the power of water.
n. a prefix denoting water or relating to water, usually used in scientific or technical terminology
51. The village was excited about the _____ of their community, which would bring light to their homes.
n. the process of installing electrical equipment or infrastructure, especially in a place that previously only had non-electrical equipment or infrastructure; the act of supplying electrical energy to an object or system, causing it to become electrically charged;
52. The problem with achievement tests is the narrowness they _____ on students.
v. to officially force a new law, tax, duty, etc. to be obeyed or received
53. The experiment yielded _____ results that support his theory.
adj. sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
54. She had many good _____ and few faults.
n. high moral standards in behavior or attitudes
55. The _____ had received a mild snowfall the previous week.
n. a long depression on the surface of the land, which typically contains a river
56. _____ technologies have dramatically improved productivity in various industries.
adj. starting to exist, mature, or become well-known
57. Rampant _____ led to a loss of trust in the government.
n. dishonest, harmful, or illegal behavior, especially of people in positions of power

ANSWERS: 50. hydro, 51. electrification, 52. impose, 53. robust, 54. virtues, 55. valley, 56. Emerging, 57. corruption

58. The con artist's lies quickly took in the _____ young man.

adj. showing unaffected simplicity and lack of experience, wisdom, or judgment

59. She's on the _____ of adulthood.

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

60. We must _____ a new system to streamline our workflow and increase efficiency.

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

61. The unique style of this martial arts _____ many action film producers.

v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

62. The food chain causes a material _____.

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

63. 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

64. I believe this analysis is _____ to some extent.

v. to give someone the wrong order, information, etc.; to send someone or something to the wrong place or wrong direction

ANSWERS: 58. naive, 59. threshold, 60. develop, 61. inspired, 62. cycle, 63. facility, 64. misdirected

65. This artwork is _____ of her work.

adj. having the usual characteristics or traits of a specific group of things

66. Several IT millionaires have shown that the level of education is a relatively poor _____ of whether a business can be successfully run.

n. something that shows or points out what a situation is like or how a situation is changing

67. A growing _____ requires a bold leader.

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

68. They held the dinner party on the _____ terrace, enjoying the beautiful view of the city.

n. the upper surface or cover of a building's roof, often used for recreational or other purposes

69. My father's death _____ my life completely.

v. to change in outward structure or looks;

70. Management must take _____ responsibility for the accident.

adj. furthest or highest in degree or order

71. Only a small number of _____ utilities offer sanitation services.

adj. relating to or located in a town or city

72. In _____ private corporations provide healthcare services.

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

ANSWERS: 65. typical, 66. indicator, 67. enterprise, 68. rooftop, 69. transformed, 70. ultimate, 71. urban, 72. addition,

73. Our system can now _____ with other databases.
v. to connect similar things
74. Every human is responsible for taking care of the Earth's _____.
n. the natural world such as air, water, and land in which humans, animals, and plants live
75. 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
76. Absolute zero is the lowest _____ temperature.
adj. relating to the concepts and principles upon which a particular topic is founded, rather than practice and experience
77. He finally decided to _____ problems directly.
v. to face, meet or deal with a problem or difficult situation or person
78. The revitalization of technology companies is _____ to the country's growth.
adj. extremely vital or necessary
79. Scientific knowledge will _____ significantly with the power of AI.
v. to go or move forward; to develop in a positive way
80. The company's _____ in handling customer requests led to many complaints.
n. the lack of ability or effectiveness in producing the desired results or outcomes; the quality of being wasteful or unproductive

ANSWERS: 73. interconnect, 74. environment, 75. quarter, 76. theoretical, 77. confront, 78. crucial, 79. advance, 80. inefficiency

81. I always carry a backup _____ in case my phone runs out of battery.
n. a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
82. 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
83. The project's _____ made it difficult for the team to complete it on time.
n. the state or quality of being complicated or intricate and difficult to understand
84. She is a _____ person and has always bounced back from setbacks.
adj. able to withstand or recover quickly from difficult conditions
85. 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
86. The company is undergoing an _____ opening new locations in several states.
n. the process of becoming larger or more extensive, or the result of this process
87. The condo offers _____ access to the beach.
adj. not divided or shared with others
88. The light _____ has burned out.
n. a rounded underground storage organ of some plants from which the plant grows; the rounded part of a cylindrical structure; electric lamp consisting of a glass ball

ANSWERS: 81. device, 82. progression, 83. complexity, 84. resilient, 85. carbon, 86. expansion, 87. exclusive, 88. bulb

89. _____ and weather have an impact on every part of our lifestyles.
n. the weather in a particular location averaged over some long period
90. 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
91. The price of these items is _____ so feel free to make an offer.
adj. capable of being discussed and agreed upon; able to be changed or altered through negotiation
92. The country has _____ oil and natural gas resources.
adj. present in great quantity
93. The chairperson _____ him the right to speak.
v. to agree to give or allow somebody
94. 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
95. The company has shown an excellent growth _____ over the years.
n. the curved path followed by an object moving through space
96. In our country, water _____ usually decreases during the winter.
n. the amount used or eaten; the act of using up a resource such as energy, food, or materials

ANSWERS: 89. Climate, 90. capture, 91. negotiable, 92. abundant, 93. granted, 94. invest, 95. trajectory, 96. consumption

97. Try to keep a _____ between work and off.

- n.* a condition in which everything has the same weight or force; something left after other parts have been taken away

98. I bought a new tool ____ for my home repair projects.

- n.* a set of tools, supplies, or equipment for a particular purpose

99. The _____ of the device was immediately apparent to all who saw it.

- n.* the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public

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

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

101. One of her _____ is that she always wears mismatched socks.

- n.* a peculiar behavior, habit, or characteristic that is distinctive to an individual or group

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

- adj.* enormous amount; very heavy and solid

103. His poem has a very significant _____.

- n.* something that is inferred or indirectly stated; the act or fact of being involved in something

104. He tried to ____ his anger during the argument with his friend.

- v.* to restrain, limit, or control something; to reduce or put a stop to something undesirable; (noun) the raised edge or barrier along the edge of a street, road, or sidewalk

ANSWERS: 97. balance, 98. kit, 99. utility, 100. emissions, 101. quirks, 102. massive, 103. implication, 104. curb

105. _____ is the foundation of our economy.
n. the practice or science of cultivating the land or raising stock
106. He wants to _____ ownership of the abandoned property.
v. to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
107. Cities around the world set records for highest _____ this summer.
n. the degree of hotness or coldness of a thing or place
108. The employee _____ the promotion for their hard work and dedication.
v. to be worthy of or entitled to something, especially something good or valuable
109. A _____ of economic advisers from the United States visited the country to help rebuild its economy.
n. a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
110. It's important to understand the _____ of a situation before making a decision.
n. the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
111. Understanding unitary _____ of a normal matrix require considerable mathematical sophistication.
n. a complete change in form, nature, or appearance of someone or something
112. The bumbling _____ made it difficult to get the permits we needed.
n. a system of government in which most of the important decisions are made by state officials rather than by elected representatives

ANSWERS: 105. Agriculture, 106. claim, 107. temperatures, 108. deserved, 109. panel, 110. context, 111. transformations, 112. bureaucracy

113. I am _____ opposed to his idea because of morality.

adv. without restriction or limitation; completely or utterly

114. His stock earnings _____.

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

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

adj. of or relating to or resulting from industry

116. The research findings _____ the theory that human activities cause global warming.

v. to support or strengthen the foundations of something

117. This region has many _____ offering higher education.

n. an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something

118. New York is a city with a _____ ethnic population.

adj. including numerous categories of individuals or entities; various

119. The engine did not start because the _____ was flat.

n. a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

120. We _____ the topic because it was too complicated.

v. to move along lightly and quickly, making a step from one foot to the other with a hop or bounce; to intentionally fail to do something which would normally do

ANSWERS: 113. absolutely, 114. quadrupled, 115. Industrial, 116. underpin, 117. institutes, 118. diverse, 119. battery, 120. skipped

121. 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
122. The _____ of the country is struggling due to the recent political instability.
n. the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
123. The construction industry is labor _____ although it has been somewhat automated by introducing large machinery.
adj. involving a lot of work or activity in a short time
124. 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
125. The _____ instructions made the task simple and easy to follow.
adj. defined or delimited sharply and distinctly; easily seen or understood; without ambiguity or confusion
126. The investigation _____ several government agencies and is expected to take several months.
v. to include or affect someone or something as a necessary part of something else
127. Our company found it _____ difficult to keep up with the competition.
adv. more and more
128. The wall was strengthened with the _____ of heavy steel beams.
n. the act of strengthening, supporting, or consolidating; something that serves to strengthen or support

ANSWERS: 121. narrative, 122. economy, 123. intensive, 124. planet, 125. clear-cut, 126. involves, 127. increasingly, 128. reinforcement

129. This vaccine causes mild _____ side effects.

adj. affecting or related to the whole of something, especially the human body or a society

130. He was alert and could not _____ any critical information out of him.

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

131. We can resolve support requests quickly and _____ by utilization of AI.

adv. in a way that produces maximum output with minimum effort or expense

132. Many _____ areas are still impoverished.

adj. of or relating to the countryside

133. 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

134. We store customer data in cloud _____.

n. the act or process of putting in and keeping something in a particular place for use in the future; an electronic memory device that can store information

135. The company _____ its product line to include more customer options.

v. to make or become wider or more extensive; to make or become more tolerant or liberal.

136. The trend of wearing oversized sweatshirts and bike shorts is now considered _____.

adj. worn out or exhausted from use or activity; no longer having any novelty or interest

ANSWERS: 129. systemic, 130. pump, 131. efficiently, 132. rural, 133. efficiency, 134. storage, 135. broadened, 136. played-out

137. The _____ nurse made sure her patients were comfortable and well-cared for.

adj. showing concern or care for someone's well-being; anxious or attentive in expressing one's own needs or desires

138. The United Nations assists countries in building strong _____ frameworks and institutions.

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

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

adj. adequate; enough for a particular purpose or requirement

140. The _____ occasionally preaches at this church.

n. a person appointed to or a job of a head of a government department

141. The _____ countries in the world often have the highest rates of malnutrition.

adj. having the least wealth or resources

142. The technology _____ is constantly evolving and innovating.

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

143. The high-technology industry is enjoying a _____.

n. a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound

144. The factory _____ its production line to increase efficiency and reduce labor costs.

v. to equip with machinery or automatic equipment; to replace human labor with machines or automation in industry or other processes; to make a job or a procedure more systematic or efficient by the use of tools or technology

ANSWERS: 137. solicitous, 138. governance, 139. sufficient, 140. minister, 141. poorest, 142. sector, 143. boom, 144. mechanized

145. His professional experience includes all _____ of media production.

n. one part or feature of a situation, problem, subject, etc.

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

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

147. These gas nebulas are merely newborn galactic _____.

n. the most essential or fundamental part of something

148. The production of _____ fuels requires massive volumes of fresh water.

adj. capable of being renewed, extended, or replaced

149. 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

150. The birds _____ open water areas with reeds around them.

v. to like, choose, or want one thing or person better than another

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

adj. not expensive and able to pay

152. The _____ pace of the negotiations frustrated both parties.

adj. relating to or resembling a glacier (= a slowly moving mass of ice) or the process of glaciation; characterized by an extremely slow or gradual pace or movement

ANSWERS: 145. aspects, 146. stable, 147. cores, 148. renewable, 149. fossil, 150. prefer, 151. affordable, 152. glacial

153. The federal _____ is planning to increase taxes for the next fiscal year.
n. the group of people with authority to control a country or state
154. He was _____ when he lost all his money by gambling.
adj. feeling or showing a lack of hope and a willingness to do anything because of the problematic situation
155. Since independence, the area has been completely _____.
v. to intentionally not listen or pay attention to
156. It is easy to _____ a new job or opportunity, but it is important to remain objective and realistic about the challenges that come with it
v. to make something seem more attractive or appealing than it is, especially by exaggerating or idealizing its qualities; to view or present something in a romantic or sentimental way
157. Companies developing self-driving cars consistently _____ the emerging technologies.
v. to introduce new methods, ideas, or products
158. The nation's healthcare system is in _____ at the moment.
n. the process or period of changing from one state or circumstance to another
159. 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
160. His estate was _____ to his sons.
v. to give something to a large number of individuals, or to spread or furnish something

ANSWERS: 153. government, 154. desperate, 155. ignored, 156. romanticize, 157. innovate, 158. transition, 159. frame, 160. distributed

161. He has the ____ to keep talking about this topic.

n. the ability to say or write things or ideas in a clever and humorous way

162. The _____ over climate change continues to be a hot topic in politics.

n. a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives

163. Foreign goods from abroad must be _____ to customs when entering a country.

v. to say, state, or announce something clearly, officially, or publicly

164. He needed to resolve the problem as soon as possible, so he made an _____ directly.

n. a serious, earnest, or urgent request for money, information, or help; a quality that makes somebody or something attractive or interest

165. I'm so sorry to _____ you when you're pretty busy.

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

166. This patient must undergo _____ surgery.

n. an alternative road, channel, pipe, or connection that allows flow while the main one is closed or obstructed; (verb) to go past or round

167. 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

168. I've been thinking all day and getting _____.

adv. not in, at, or to any place; not anywhere

ANSWERS: 161. wit, 162. debate, 163. declared, 164. appeal, 165. disrupt, 166. bypass, 167. installed, 168. nowhere

169. I advised him to _____ to his new surroundings.

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

170. I need to _____ my suitcase and put my clothes away.

v. to open and remove stored items from a container or package; to analyze or examine something in detail, often to clarify or understand it better

171. 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

172. We are responsible for the care and _____ of all our employees.

n. the state of being happy and healthy and prosperous

173. After a thorough investigation, she has been named as the _____ suspect.

adj. main or most important; basic

174. The Prime Minister stressed the need to create _____ industries.

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

175. 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

176. Hydrogen and oxygen _____ to form water.

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

177. He didn't meet all the _____ but he was hired anyway.

n. (plural of criterion) standards or conditions by which something may be judged or decided

ANSWERS: 169. adapt, 170. unpack, 171. electrify, 172. well-being, 173. prime, 174. innovative, 175. trade-off, 176. combine, 177. criteria,

178. Trial and error is an _____ part of education.

adj. indispensable; fundamental

179. A _____ star is a system in which two stars revolve around each other.

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

180. A rose has thorns on its _____.

n. the central part of something from which other parts can develop or grow; the part of a word common to all its inflected variants; (verb) to grow out of, have roots in, or originate in

181. _____ 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

182. Solar gravity creates _____ pressures and temperatures.

adj. very great in amount or degree

183. The CEO's leadership style was characterized by _____ towards his employees.

n. the practice or belief of governing or managing individuals or groups in a manner that is considered to be nurturing or protective but also limiting or controlling their freedom and autonomy

184. Archaeologists found traces of agricultural _____ channels at the historic site.

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

185. Her response revealed _____ idiocy.

adj. unbelievable; enormous

ANSWERS: 178. essential, 179. binary, 180. stem, 181. Grid, 182. extreme, 183. paternalism, 184. irrigation, 185. incredible

ANSWERS: