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Navi Radjou: Creative problem-solving in the face of extreme limits | TED Talk

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

All Words

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Session 1: Word List

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.

instantly

adv. immediately

synonym: immediately, right away, directly

(1) **instantly** cope with, (2) be killed **instantly**

I remembered that person **instantly** and never forgot.

creative

adj. relating to or involving the use of skill and original and unusual ideas to create something

synonym: imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit

All the supervisor has to do is assign tasks that make his subordinates more **creative**.

reuse

v. to use something again or more than once

synonym: reprocess, recycle, rehash

(1) **reuse** the materials, (2) **reuse** existing knowledge

The supermarket encourages shoppers to **reuse** plastic bags.

fridge

n. a piece of electrical equipment in which food can be stored at low temperatures so that it stays fresh

synonym: refrigerator

(1) **fridge** magnet, (2) fill the **fridge**

She left the **fridge** door open inadvertently.

entirely

adv. completely

synonym: completely, fully, totally

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

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

clay

n. a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics

synonym: ceramics, pottery, dirt

(1) **clay** animation, (2) soft **clay** ground

The sculptor carefully molded the **clay** into the desired shape.

consume

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

synonym: absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity

A smaller car will **consume** less fuel.

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.

invention

n. the creation of a new device or process resulting from study and experimentation; the act of inventing

synonym: creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**

Necessity is the mother of **invention**.

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.

panic

n. a sudden strong feeling of fear that cannot be controlled and prevents reasonable thought and action

synonym: confusion, hysteria, consternation

(1) a **panic** reaction, (2) **panic** buying

The participation of oil-producing countries in the war caused **panic** in the financial markets.

resourceful

adj. showing creativity and ability to find quick and practical solutions to problems

synonym: inventive, imaginative, clever

(1) **resourceful** thinker, (2) **resourceful** cook in town

She was **resourceful** and found a solution to the problem on her own.

entrepreneur

n. an individual who creates or invests in one or more businesses, especially when this involves taking financial risks

synonym: founder, executive

(1) a successful **entrepreneur**, (2) billionaire **entrepreneur**

Entrepreneurs willingly accept business risks to achieve

success.

recharge

v. to restore the energy or power of something by supplying it with more energy or power; to refresh or renew oneself by rest or sleep

synonym : renew, refresh, replenish

(1) **recharge** brain and body, (2) **recharge** energy

He needed to **recharge** his phone before the meeting.

humidity

n. the amount of water vapor in the air, typically as a percentage of the maximum that the air could hold at that temperature

synonym : moisture, dampness, wetness

(1) uncomfortable **humidity**, (2) **humidity** sensor

The **humidity** in the tropical forest was so high that it was hard to breathe.

rainfall

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

synonym : downpour, drizzle, rain

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

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

engineer

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

synonym : architect, creator, builder

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

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

giant

adj. enormous; much bigger or more important than similar items usually are

synonym : big, gigantic, huge

(1) **giant** trees, (2) **giant** tech company

The **giant** jets gradually dominate the world's airlines.

advertise

v. to draw attention to something such as a product, service, or event in public to encourage people to buy,

use, or attend it

synonym : publicize, announce, promote

(1) **advertise** the campaign, (2) **advertise** on social media

We want to **advertise** our company through your media.

billboard

n. a large outdoor sign or display that is used for advertising, marketing, or public information, typically located along highways or main roads

synonym : hoarding, signboard, advertisement

(1) **billboard** advertising, (2) digital **billboard**

The new **billboard** on the highway promotes a popular vacation destination.

absorb

v. to take in a fluid or other substance gradually

synonym : consume, soak, ingest

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

The sponge **absorbs** water well.

convert

v. to have a talk with someone; (adjective) reversed in order, relation, or action

synonym : alter, remake, transform

(1) **convert** fat into energy, (2) **convert** base 10 to base 16

I want to **convert** my sadness into strength.

purify

v. to remove harmful substances from something and increase the concentration of it

synonym : refine, filter, clarify

(1) **purify** hydrogen gas, (2) **purify** the blood

The equipment is frequently used to **purify** and distribute drinking water.

amazing

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

synonym : exceptional, extraordinary, wonderful

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

The golfer recorded an **amazing** distance.

lab *n.* a workplace for the conduct of scientific research; a laboratory
synonym: workshop, laboratory, research chamber
(1) **lab** instrument, (2) medical **lab**
The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

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.

healthcare *n.* the organized activity or business of preserving mental and physical health by preventing or treating illness through services offered by the health profession
(1) **healthcare** agency, (2) rising **healthcare** cost
In an aging population, citizens must pay more to maintain quality **healthcare**.

scarce *adj.* not abundant or plentiful, and therefore not easy to find or obtain
synonym: rare, limited, sparse
(1) **scarce** resources, (2) capital- **scarce** country
Fresh water is becoming increasingly **scarce** in many parts of the world.

external *adj.* belonging to or situated outside of someone or something
synonym: outside, exterior, foreign
(1) **external** factors, (2) **external** commerce
When a company discloses information to the market, an **external** auditor verifies them.

tap *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
synonym: knock, exploit, use

(1) **tap** a new market, (2) **tap** keyboard with an index finger
To expand the company, we must **tap** new human resources.

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.

ingenuity

n. the quality of inventing things or solving problems in clever new ways

synonym: creativity, invention, originality

(1) the infinite **ingenuity** of man, (2) abound in **ingenuity**
Creativity and **ingenuity** are often brought about by extreme concentration.

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**.

adversity

n. difficulties or hardships that someone faces

synonym: hardship, difficulty, trial

(1) environmental **adversity**, (2) struggling with **adversity**
The team demonstrated great resilience in the face of **adversity** and won the game.

sophisticated

adj. having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

synonym: refined, cultured, worldly

(1) **sophisticated** look, (2) a **sophisticated** lifestyle
Marketing strategies are growing more **sophisticated**.

alchemy

n. a medieval chemical philosophy and speculative theory that aimed to transform base metals into gold or produce

a universal elixir that could cure all diseases and grant immortality; a process of transformation or creation that appears magical or mysterious

synonym : sorcery, magic, transmutation

(1) **alchemy** experiment, (2) **alchemy** of emotions

Today, the study of **alchemy** remains an important part of the history of science and philosophy

magical

adj. produced by or containing supernatural powers

synonym : enchanting, occult, supernatural

(1) **magical** place, (2) **magical** powers

When I was a child, my mother often cast **magical** spells to ease my pain whenever I was injured.

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.

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.

essence

n. the basic or most important part or quality of something that makes it what it is

synonym : core, nature, disposition

(1) vanilla **essence**, (2) universal **essence**

University teaches the art of understanding the **essence** of the matter.

frugal

adj. characterized by being sparing or economical about money or resources; avoiding waste or luxury

synonym : economical, thrifty, sparing

(1) live a **frugal** lifestyle, (2) a **frugal** meal

My grandparents were always **frugal** with their money, even when they had plenty of it.

innovation

n. the creation of a new device or process resulting from study and experimentation

synonym: invention, initiation, creation

(1) **innovation** leader, (2) cutting-edge **innovation**

The vegetarian burger was an **innovation** that quickly spread to the United Kingdom.

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.

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.

adopt

v. to choose to follow something; to legally take a child from another family and care for them as if they were one's own

synonym: accept, assume, take on

(1) **adopt** a child, (2) **adopt** a bill

The national assembly has **adopted** the budget.

aspiration

n. a strong desire to achieve something; the action or process of drawing breath

synonym: ambition, inhalation, intake

(1) no **aspiration** for fame, (2) **aspiration** into the lungs
He has an **aspiration** to become a doctor.

provider

n. a person or an organization that supplies somebody with something needed or wanted

synonym : supplier

(1) an information **provider**, (2) the **provider** of the family
People select Internet **providers** not only in terms of price but also in terms of transmission speed.

telemedicine

n. the remote diagnosis and treatment of patients using telecommunications technology, such as video conferencing, phone calls, or messaging services

synonym : remote healthcare, online medicine, virtual care

(1) **telemedicine** consultation, (2) **telemedicine** technology
Due to the pandemic, many doctors have started offering **telemedicine** appointments.

remotely

adv. at a distance; not directly or easily accessible

synonym : distantly, remotely, slightly

(1) **remotely** operate, (2) control **remotely**

The company can **remotely** access its employees' computers for troubleshooting purposes.

patient

n. a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic

synonym : client, recipient, subject

(1) **patient** in the hospital, (2) **patient** with weight loss

The doctor carefully examined the **patient's** medical history.

medical

adj. relating to the treatment of illness or injuries; relating to the practice of medicine

synonym : health, disease, treatment

(1) a **medical** opinion, (2) temporary **medical** treatment

The **medical** team worked quickly to save the patient's life.

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.

qualified

adj. officially recognized as having completed a training course or passed the exams that are necessary to perform a particular job

synonym : eligible, skillful, accomplished

(1) a **qualified** doctor, (2) **qualified** in medicine

We seek a person **qualified** for the post.

nurse

n. a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury

synonym : healthcare worker, caregiver, medic

(1) **nurse** practitioner, (2) a volunteer **nurse**

The night shift **nurse** checked my vital signs before administering the medication.

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.

clinic

n. a building or hospital department where people can go for medical care or advice, especially of a particular condition

synonym : hospital, infirmary

(1) visit to the veterinary **clinic**, (2) a dental **clinic**

She holds a **clinic** on Tuesday mornings.

desperately

adv. in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency

synonym : urgently, perilously, seriously

(1) **desperately** anxious, (2) **desperately** ill patient

The baby clung **desperately** to her mother.

continent

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

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

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

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

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.

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.

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.

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.

charger

n. a device used to supply electricity to recharge a battery or power a device

synonym : power supply, adaptor, transformer

(1) portable **charger**, (2) battery **charger**

Remember to bring your phone **charger** with you when you go on vacation.

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.

telephony

n. the technology or operation of telecommunication; the transmission of sound and information over long distances using telephone or other telecommunication devices

synonym : telecommunication, phone system

(1) **telephony** services, (2) digital **telephony**

The **telephony** industry constantly innovates to keep up with new technologies and changing customer needs.

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.

initial

adj. of or happening at the beginning; (noun) the first letter of a word, especially a person's name

synonym: basic, primary, beginning

(1) **initial** velocity, (2) an **initial** letter

They took the **initial** step toward reconciliation.

deposit

n. a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force

synonym: bank, installment, sedimentation

(1) **deposit** money, (2) **deposit** accumulation

I made a **deposit** at the bank to add money to my account.

micro

n. extremely small in scale or scope; one millionth

(1) **micro** bubble, (2) **micro** force sensor

This approach employs both **micro** and macro analysis methods.

unlock

v. to open something, such as a door, window, etc., usually using a key

synonym: open, solve, unravel

(1) **unlock** a door with a key, (2) **unlock** value

The customs officer required the traveler to **unlock** his suitcase.

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.

leap

v. to jump or spring into the air, often with the feet leaving the ground or a surface below; to move quickly or suddenly, often forward or upward

synonym : jump, bound, hop

(1) **leap** to a conclusion, (2) **leap** of faith

The athlete was able to **leap** over the hurdle with ease.

straight

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

synonym : linear, honest, consecutive

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

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

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.

diameter

n. the length of a straight line passing through the center of a circle and connecting two points on the circumference

synonym : diam, width

(1) **diameter** of an oval, (2) a particle **diameter**

Draw a circle five centimeters in **diameter**.

opposed

adj. being completely different from something or disagreeing strongly with something

synonym : anti, averse, hostile

(1) two **opposed** characters, (2) absolutely **opposed** to abortion

I'm strongly **opposed** to that plan.

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.

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.

chase

v. to pursue something or someone to catch or capture them; to go after something vigorously or with determination; (noun) a pursuit or a hunt; a narrow groove or channel cut into a surface, often used for decorative purposes

synonym: pursue, hunt, track

(1) **chase** a dream, (2) wild goose **chase**

The police officer **chased** the suspect through the crowded streets until they finally caught him.

smartphone

n. a mobile phone that functions as a computer and connects to the Internet

(1) **smartphone** app developer, (2) **smartphone** addict
Internet traffic volumes have increased significantly with the advent of **smartphones**.

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.

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.

differentiate

v. to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative

synonym: discern, distinguish, separate

(1) **differentiate** between fact and fiction, (2) **differentiate** a function

The teacher asked the students to **differentiate** between the two similar species of birds.

brand

n. a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

synonym: trademark, label, symbol

(1) create a **brand** logo, (2) the **brand** of the new car

There's a new **brand** of hero in the movies now.

competition

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

synonym: contest, match, fight

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

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

feat

n. a notable or impressive achievement, especially one that requires great skill or bravery

synonym: achievement, accomplishment, exploit

(1) intellectual **feat**, (2) **feat** accomplishment

It is an incredible **feat** to climb Mount Everest, the highest mountain in the world.

conventional

adj. based on or following traditional rules, standards, customs, etc.

synonym: ancestral, customary, established

(1) a **conventional** style, (2) get a **conventional** loan

She is very **conventional** in her thoughts.

diminish

v. to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc.

synonym: decline, dwindle, lessen

(1) **diminish** a reputation, (2) **diminish** swelling

As people get old, their energies may **diminish**.

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.

scarcity

n. the state of being in short supply; a small and inadequate amount

synonym: lack, absence, dearth

(1) fuel **scarcity**, (2) **scarcity** of capital

Some research says that a relative decline in teacher salaries is causing labor **scarcity**.

disparity

n. a significant difference or inequality between two or more things

synonym: difference, inequality, gap

(1) the **disparity** between theory and reality, (2) income **disparity**

There is a significant **disparity** in pay between men and women in the company.

disconnect

v. to unfasten or disjoin something, especially to break the connection between a supply of gas, water, or electricity and a piece of equipment

synonym : unplug, detach, take apart

(1) **disconnect** a plug, (2) **disconnect** the water supply

She finally decided to **disconnect** herself from the company.

underbanked

adj. not having enough access or connection to mainstream banking services or financial institutions

synonym : underfunded, financially excluded, marginalized

(1) **underbanked** community, (2) **underbanked** customers

The **underbanked** population is often forced to rely on alternative financial services such as payday loans and check cashing.

prolong

v. to extend the duration or length of something, particularly a period of time or an event

synonym : extend, lengthen, stretch

(1) **prolong** the agony, (2) measures to **prolong** the lifespan

We need to **prolong** the meeting for another hour to discuss all the issues.

crisis

n. a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken

synonym : concern, problem, emergency

(1) financial **crisis**, (2) **crisis** management

The Chinese word for **crisis** comprises two characters, one for danger and the other for opportunity.

deprivation

n. a state of not having something, such as food or money, that you need for a pleasant life

synonym : poverty, destitution, forfeiture

(1) chronic sleep **deprivation**, (2) **deprivation** of liberty

Losing him is great **deprivation** to our team.

sustain

v. to supply enough of what somebody or something needs to survive or exist; to accept as valid

synonym : maintain, nurture, support

(1) **sustain** a good relationship with him, (2) **sustain** a wellness lifestyle

She struggled to **sustain** the children's reading habits.

prosperity

n. the state of being successful and having the good fortune

synonym : affluence, accomplishment, capital

(1) economic **prosperity**, (2) **prosperity** of humankind

This war shattered dreams of peace and **prosperity**.

postmodern

adj. relating to or characterized by a rejection of objective truth and global cultural narratives and instead emphasizing the role of personal interpretation

synonym : contemporary, poststructural, relativistic

(1) **postmodern** art, (2) **postmodern** anthropology

The **postmodern** architecture of the building was a contrast to the traditional designs in the neighborhood.

manufacture

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

synonym : create, fabricate, assemble

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

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

joint

adj. shared, held, or made between two or more people;
(noun) the point of connection between two bones or elements of a skeleton

synonym : collaborative, cooperative, combined

(1) a **joint** venture, (2) the bone of a **joint**

After the summit meeting, the prime ministers issued a **joint** statement.

venture

n. a business project or activity that is risky or daring

synonym : enterprise, undertaking, adventure

(1) **venture** capital, (2) a joint **venture**

The **venture** into the new market was risky, but it paid off.

multinational

adj. relating to or involving multiple countries or nationalities; having operations or business interests in multiple countries

synonym : international, global, cross-border

(1) **multinational** enterprise, (2) **multinational** team

The **multinational** corporation has offices in over 30 countries.

automated

adj. carried out by machines or computers to replace or decrease human labor

synonym : computerized, mechanical, laborsaving

(1) **automated** manual transmission, (2) **automated** way

The plant will continue operating through an **automated** system 24 hours a day.

rely

v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

synonym : depend, count, lean

(1) **rely** on convenience stores, (2) **rely** entirely on him

Babies heavily **rely** on others for food.

process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym : procedure, method, system

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

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

communal

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

synonym : collaborative, combined, collective

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

Communal elections were held in several European countries.

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.

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.

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**.

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.

roll

v. to move in a particular direction by turning over and over or from side to side

synonym : spin, swirl, wheel

(1) **roll** a ball, (2) **roll** down his cheeks

He was exhausted and **rolled** into bed as soon as he got home.

technological

adj. based on scientific and industrial progress

synonym: specialized, technical

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

Technological advances have disrupted many industries.

scan

v. to examine something hastily, with the eyes or with a machine, to get information

synonym: look over, scrutinize, browse

(1) **scan** the face of the man, (2) **scan** a document into PDF

She stood on the podium and **scanned** an audience.

technique

n. a particular way or art of doing something that needs skill

synonym: approach, procedure, strategy

(1) a **technique** in martial arts, (2) the **technique** applied to construction

Jockey's superior **technique** brought him victory.

basis

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

synonym: foundation, base, ground

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

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

radiation

n. the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health

synonym: dissemination, emission, irradiation

(1) exposure to **radiation**, (2) electromagnetic **radiation**

He tried every possible treatment, including chemotherapy and **radiation** therapy.

initially

adv. at the beginning; at first

synonym : originally, primarily, firstly

(1) **initially** anticipated, (2) diagnosed **initially** as a tumor
This train departed later than **initially** scheduled.

revolution

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

synonym : coup, innovation, rebellion

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

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

start-up

n. a newly established company or business

(1) **start-up** business, (2) early-stage **start-up**

Our company's services are targeted at **start-up** executives.

launch

v. to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

synonym : start, initiate, begin

(1) **launch** a spaceship into orbit, (2) **launch** a big attack

The company is set to **launch** its new product line next month.

thrive

v. to grow vigorously; to make steady progress

synonym : bloom, flourish, prosper

(1) **thrive** in a society, (2) **thrive** on pressure

Without investment, a business cannot **thrive**.

wireless

adj. of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals

synonym : cordless, radio

(1) **wireless** access, (2) **wireless** charging

The office's **wireless** network allows employees to work from

anywhere in the building.

stick

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

synonym : pierce, adhere, stay

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

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

soil

n. the top layer of Earth in which plants grow

synonym : earth, ground, mud

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

Soil moisture is another significant component controlling soil respiration.

dynamic

adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

synonym : energetic, active, vital

(1) a **dynamic** market, (2) **dynamic** person

The sprinter has a **dynamic** way of running.

optimize

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

synonym : advance, amend, improve

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

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

yield

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

synonym : proceeds, harvest, output

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

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

bandwidth

n. the amount of data that can be transmitted or processed at one time often used to describe the capacity of electronic communication or computing systems

synonym : capacity, data transfer rate, network speed

(1) **bandwidth** allocation, (2) increase **bandwidth**

I don't have the **bandwidth** to take on any new projects, as I'm already working on multiple assignments.

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.

nickel

n. a silver-white metallic element with the symbol Ni, used in many alloys and as a coin; a United States coin worth one-twentieth of a dollar

synonym : metal, coin, alloy

(1) **nickel** ore, (2) **nickel** plate

The **nickel** in my pocket jingled as I walked.

debit

n. an entry in a financial account that represents money owed or transferred out of the account; a payment card or other means of withdrawing funds from a bank account

synonym : charge, withdrawal, deduction

(1) **debit** card, (2) **debit** balance

I checked my bank statement and noticed an unexpected **debit** from an unknown source.

maintenance

n. the act or process of keeping something, either artificial materials or living things, in good condition; the money needed for a person's or family's living expenses

synonym : care, perpetuation, support

(1) the **maintenance** of the car, (2) **maintenance** work

We have decided to extend our **maintenance** contract until next year.

- fee** *n.* a sum of money charged for a particular service
synonym : charge, cost, expense
(1) **fee** calculation, (2) service **fee**
The lawyer's **fee** for the case was \$10,000.
- euro** *n.* the official currency of most European Union countries
(1) the value of the **Euro**, (2) **Euro** crises
Some countries may leave the **Euro**.
- transaction** *n.* an instance of buying or selling something; the act or process of doing something
synonym : trade, dealing, commerce
(1) card with no foreign **transaction** fees, (2) **transaction** balance
Electronic **transactions** remain incomplete due to system errors.
- 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.
- pioneer** *n.* inventor; explorer; someone who is among the first to achieve something
synonym : frontiersperson, innovator, trailblazer
(1) act as a **pioneer**, (2) early **pioneers**
John Whitney was a computer animation **pioneer**.
- 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.

horrendous

adj. causing horror, shock, or a feeling of extreme disgust; extremely unpleasant or terrifying

synonym : dreadful, terrible, horrifying

(1) **horrendous** traffic, (2) a **horrendous** crime

The **horrendous** storm caused massive flooding in the town and destroyed many houses.

traffic

n. the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time

synonym : congestion, jam, flow

(1) **traffic** jam, (2) heavy **traffic**

We decided to take a detour to avoid the construction **traffic** on the main road.

jam

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

synonym : difficulty, mess, preserve

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

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

holy

adj. of or related to a god, divine power, or a particular religion

synonym : sacred, religious, divine

(1) a **holy** man, (2) a **holy** shrine

They gathered to hear the **holy** teachings of the guru.

cow

n. a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat

synonym : bovine, cattle, kine

(1) **cow** herd, (2) dairy **cow**

The farmer milked the **cows** every morning before breakfast.

literally

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

synonym : actually, truly, verily

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

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

dodge

v. to move quickly and suddenly to avoid something; to evade or sidestep

synonym : evade, sidestep, avoid

(1) **dodge** a blow, (2) **dodge** a question

She had to **dodge** the oncoming traffic to cross the busy street safely.

pilot

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

synonym : aviator, flyer, chief

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

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

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.

resolution

n. a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display

synonym : determination, decision, settlement

(1) **resolution** of a conflict, (2) display **resolution**

He made a New Year's **resolution** to exercise more and eat healthier.

cam

n. a device or mechanism that converts rotary motion to linear motion or vice versa; a revolving cylinder with an

irregular shape used in machinery to convert rotary motion into intermittent or reciprocating motion; an abbreviation for camera

synonym : camera, device, gadget

(1) security **cam**, (2) **cam** lever

The mechanic adjusted the **cam** mechanism to improve the engine's performance.

analytical

adj. relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze

synonym : investigative, logical, cogent

(1) **analytical** approach, (2) **analytical** ability

He is **analytical** and can break down complex problems into manageable parts.

software

n. a set of computer programs and associated documentation and data for doing particular computational jobs

synonym : program, system, operating system

(1) **software** architect, (2) copyrighted **software**

The company specializes in both hardware and **software**.

predict

v. to state beforehand that something will happen in the future, mainly based on knowledge or experience

synonym : forecast, anticipate, foresee

(1) **predict** the future, (2) **predict** when she will arrive

It's notoriously challenging to **predict** birth rates.

congest

v. to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid

synonym : clog, choke, crowd

(1) **congest** in a vein, (2) **congest** a highway

The roads to the airport were heavily **congested**.

alternate

adj. occurring or existing one after the other regularly

synonym : substitute, back up, equivalent

(1) **alternate** choice, (2) every **alternate** year
The cleaning lady comes on **alternate** Wednesdays.

identify

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

synonym: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences
I will introduce you to how to **identify** the leading causes of the malfunction.

glean

v. to collect information, knowledge, etc., in small amounts and often with difficulty; to gather, as natural products

synonym: cull, collect, extract

(1) **glean** important information, (2) **glean** the fields
He carefully interviewed the victims and tried to **glean** the details of the culprit.

principle

n. a fundamental law or truth that explains or controls how something happens or works

synonym: rule, creed, code

(1) **principle** of treatment, (2) **principle** in business
Efficiency isn't an essential **principle** here; fairness is.

impressive

adj. arousing admiration due to size, quality, or skill

synonym: impactful, remarkable, exceptional

(1) **impressive** performances, (2) an **impressive** array of facts
The budget reduction was an **impressive** feat for our nation.

reinvent

v. to change something so drastically that it looks to be completely new

synonym: recreate, remake, revive

(1) **reinvent** local dishes, (2) **reinvent** our life
They have tried to **reinvent** their grocery stores.

lever

n. a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

synonym : lifter, crowbar, bar

(1) a gear change **lever**, (2) **lever** for reform

This initiative will be a **lever** for increasing company sales.

asset

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

synonym : aid, resource, equity

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

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

horizontal

adj. parallel to the ground or in a baseline; being at the same level as all members of a group

synonym : even, lying, parallel

(1) **horizontal** lines, (2) **horizontal** stripes

Airplanes need **horizontal** tails to improve stability.

vertical

adj. upright or perpendicular to a horizontal surface or line

synonym : perpendicular, upright, plumb

(1) **vertical** takeoff, (2) **vertical** axis

The ladder leaned against the **vertical** surface of the building.

warehouse

n. a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops

synonym : storage, repository, depot

(1) a rental **warehouse**, (2) **warehouse** debt

The fire ruined all the food stored in the **warehouse**.

agile

adj. able to move quickly and easily, often in a way that is graceful and controlled

synonym : nimble, quick, flexible

(1) an **agile** mind, (2) **agile** in his movements

The **agile** development process allowed the team to make

changes quickly.

immense

adj. extremely large or great

synonym : enormous, giant, huge

(1) **immense** amount, (2) **immense** pressure

He left his wife an **immense** fortune.

diversity

n. the quality or fact of many different types of things or people being included in something; a range of different things or people

synonym : variety, multiplicity, variousness

(1) the **diversity** policy of the university, (2) lingual **diversity**

He was impressed by the range and **diversity** of the collection.

chain

n. a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

synonym : series, string, link

(1) **chain** reaction, (2) supply **chain**

The **chain** on my bike broke, leaving me stranded.

necessity

n. the state or fact of being needed; anything indispensable

synonym : need, essentiality, prerequisite

(1) in great **necessity**, (2) the **necessity** of the concrete measure

He emphasized the **necessity** of immediate action.

constraint

n. a limit or restriction on something, such as an action, behavior, or thought

synonym : limitation, restriction, bound

(1) **constraint** on business activity, (2) strict time **constraints**

The budget **constraint** forced them to make difficult decisions.

nation

n. a large organized community of people living in a particular country or region and having a particular culture

synonym : country, state, sovereign entity

(1) **nation-state**, (2) a seafaring **nation**

The **nation** of Japan is known for its unique culture and advanced technology.

statistics

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

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

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

transcend

v. to rise above or go beyond the limits of something

synonym : surpass, exceed, overcome

(1) **transcend** boundaries, (2) **transcend** limits

The music **transcended** cultural barriers and reached audiences globally.

divide

v. to separate or cause to separate into parts or groups

synonym : separate, disconnect, split

(1) **divide** the cake into two pieces, (2) **divide** money equally

Can you **divide** 123321 by eleven?

harness

v. to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object

synonym : rein in, control, (noun) belt

(1) **harness** a horse to a carriage, (2) put a **harness** on my pet

People have been exploring ways to **harness** natural forces and resources since ancient times.

improve

v. to make or become better

synonym: enhance, ameliorate, enrich

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

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

preserve

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

synonym: conserve, care for, maintain

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

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

precious

adj. uncommon and extremely valuable

synonym: adored, cherished, valued

(1) price of **precious** metals, (2) **precious** information

We cannot afford to squander **precious** time.

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. so____re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
2. co____e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
3. put a ha____s on my pet *v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
4. a con____nal style *adj.* based on or following traditional rules, standards, customs, etc.
5. an energy eff____cy *n.* the state or quality of doing something well with no waste of input such as time or money
6. cutting-edge inn____on *n.* the creation of a new device or process resulting from study and experimentation
7. ba__s for calculation *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
8. a qu____ed doctor *adj.* officially recognized as having completed a training course or passed the exams that are necessary to perform a particular job

ANSWERS: 1. software, 2. consume, 3. harness, 4. conventional, 5. efficiency, 6. innovation, 7. basis, 8. qualified

9. ad_____se the campaign *v.* to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it
10. ana_____al ability *adj.* relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze
11. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
12. digital bi_____rd *n.* a large outdoor sign or display that is used for advertising, marketing, or public information, typically located along highways or main roads
13. the value of the E__o *n.* the official currency of most European Union countries
14. r__y on convenience stores *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
15. pu___y hydrogen gas *v.* to remove harmful substances from something and increase the concentration of it
16. di___e money equally *v.* to separate or cause to separate into parts or groups
17. al_____te choice *adj.* occurring or existing one after the other regularly

ANSWERS: 9. advertise, 10. analytical, 11. opportune, 12. billboard, 13. euro, 14. rely, 15. purify, 16. divide, 17. alternate

18. in___t in stocks *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
19. live a fr___l lifestyle *adj.* characterized by being sparing or economical about money or resources; avoiding waste or luxury
20. liquid as__ts of the company *n.* something or someone that is useful or valuable quality, skill, etc.; valuable property
21. a dental cl___c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
22. sc___e resources *adj.* not abundant or plentiful, and therefore not easy to find or obtain
23. income di_____ty *n.* a significant difference or inequality between two or more things
24. sc_____ty of capital *n.* the state of being in short supply; a small and inadequate amount
25. imp_____ve performances *adj.* arousing admiration due to size, quality, or skill
26. pr_____us information *adj.* uncommon and extremely valuable
27. struggling with ad_____ty *n.* difficulties or hardships that someone faces
28. a h__y shrine *adj.* of or related to a god, divine power, or a particular religion
29. gi__t trees *adj.* enormous; much bigger or more important than similar items usually are

ANSWERS: 18. invest, 19. frugal, 20. asset, 21. clinic, 22. scarce, 23. disparity, 24. scarcity, 25. impressive, 26. precious, 27. adversity, 28. holy, 29. giant

30. ad____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
31. in____t capital *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
32. a first-aid k_t *n.* a set of tools, supplies, or equipment for a particular purpose
33. em____ng country *adj.* starting to exist, mature, or become well-known
34. beginning of the industrial rev____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
35. f__t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery
36. a jo__t venture *adj.* shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton
37. early-stage st____up *n.* a newly established company or business
38. ba____y charging *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
39. in____e a feeling of curiosity *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
40. im____e a process *v.* to make or become better

ANSWERS: 30. addition, 31. invest, 32. kit, 33. emerging, 34. revolution, 35. feat, 36. joint, 37. start-up, 38. battery, 39. inspire, 40. improve

41. co____e electricity *v.* to spend something, especially fuel, energy, or time, in a large amount
42. gl__n important information *v.* to collect information, knowledge, etc., in small amounts and often with difficulty; to gather, as natural products
43. ag__e in his movements *adj.* able to move quickly and easily, often in a way that is graceful and controlled
44. re____nt our life *v.* to change something so drastically that it looks to be completely new
45. am____g advances *adj.* extremely surprising, especially in a way that you like or admire
46. wa_____se debt *n.* a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops
47. ex____al commerce *adj.* belonging to or situated outside of someone or something
48. two op____d characters *adj.* being completely different from something or disagreeing strongly with something
49. chronic sleep dep_____on *n.* a state of not having something, such as food or money, that you need for a pleasant life
50. ch__e a dream *v.* to pursue something or someone to catch or capture them; to go after something vigorously or with determination; (noun) a pursuit or a hunt; a narrow groove or channel cut into a surface, often used for decorative purposes

ANSWERS: 41. consume, 42. glean, 43. agile, 44. reinvent, 45. amazing, 46. warehouse, 47. external, 48. opposed, 49. deprivation, 50. chase

51. tra_____on balance *n.* an instance of buying or selling something; the act or process of doing something
52. dairy c_w *n.* a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat
53. di___e the cake into two pieces *v.* to separate or cause to separate into parts or groups
54. 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
55. de_____t accumulation *n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force
56. a particle di_____er *n.* the length of a straight line passing through the center of a circle and connecting two points on the circumference
57. 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

ANSWERS: 51. transaction, 52. cow, 53. divide, 54. panel, 55. deposit, 56. diameter, 57. panel

58. ha_____s a horse to a carriage *v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
59. dis_____te video content *v.* to give something to a large number of individuals, or to spread or furnish something
60. a seafaring na_____n *n.* a large organized community of people living in a particular country or region and having a particular culture
61. intraspecific com_____on *n.* a situation in which someone is attempting to beat or outperform another
62. vanilla es_____e *n.* the basic or most important part or quality of something that makes it what it is
63. parched s___l *n.* the top layer of Earth in which plants grow
64. 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
65. ba_____th allocation *n.* the amount of data that can be transmitted or processed at one time often used to describe the capacity of electronic communication or computing systems
66. pr_____le of treatment *n.* a fundamental law or truth that explains or controls how something happens or works

ANSWERS: 58. harness, 59. distribute, 60. nation, 61. competition, 62. essence, 63. soil, 64. install, 65. bandwidth, 66. principle

67. res_____ul cook in town *adj.* showing creativity and ability to find quick and practical solutions to problems
68. price of pr_____us metals *adj.* uncommon and extremely valuable
69. tr_____rm an education system *v.* to change in outward structure or looks;
70. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
71. pr_____g the agony *v.* to extend the duration or length of something, particularly a period of time or an event
72. 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
73. capital-sc_____e country *adj.* not abundant or plentiful, and therefore not easy to find or obtain
74. tr_____c jam *n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
75. l__p to a conclusion *v.* to jump or spring into the air, often with the feet leaving the ground or a surface below; to move quickly or suddenly, often forward or upward
76. gr__t a land *v.* to agree to give or allow somebody
77. the ul_____te goal in life *adj.* furthest or highest in degree or order

ANSWERS: 67. resourceful, 68. precious, 69. transform, 70. amazing, 71. prolong, 72. electrify, 73. scarce, 74. traffic, 75. leap, 76. grant, 77. ultimate

78. hor_____al lines *adj.* parallel to the ground or in a baseline; being at the same level as all members of a group
79. s__n the face of the man *v.* to examine something hastily, with the eyes or with a machine, to get information
80. a te_____ue in martial arts *n.* a particular way or art of doing something that needs skill
81. people in ru__l areas *adj.* of or relating to the countryside
82. early pi_____rs *n.* inventor; explorer; someone who is among the first to achieve something
83. 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
84. 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
85. an ab_____nt supply of water *adj.* present in great quantity
86. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
87. in_____ly cope with *adv.* immediately
88. a volunteer nu__e *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury

ANSWERS: 78. horizontal, 79. scan, 80. technique, 81. rural, 82. pioneer, 83. develop, 84. silicon, 85. abundant, 86. complexity, 87. instantly, 88. nurse

89. co_____e augmented reality *v.* to join or merge to form a single thing or group
90. he was en_____ly to blame *adv.* completely
91. au_____ed way *adj.* carried out by machines or computers to replace or decrease human labor
92. ni_____l ore *n.* a silver-white metallic element with the symbol Ni, used in many alloys and as a coin; a United States coin worth one-twentieth of a dollar
93. survival k_t *n.* a set of tools, supplies, or equipment for a particular purpose
94. be killed in_____ly *adv.* immediately
95. 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
96. id_____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
97. card with no foreign tra_____on fees *n.* an instance of buying or selling something; the act or process of doing something
98. im_____e the test score *v.* to make or become better
99. mai_____ce work *n.* the act or process of keeping something, either artificial materials or living things, in good condition; the money needed for a person's or family's living expenses
100. create a br__d logo *n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

ANSWERS: 89. combine, 90. entirely, 91. automated, 92. nickel, 93. kit, 94. instantly, 95. grid, 96. identify, 97. transaction, 98. improve, 99. maintenance, 100. brand

101. ro____p live *n.* the upper surface or cover of a building's roof, often used for recreational or other purposes
102. re____ge energy *v.* to restore the energy or power of something by supplying it with more energy or power; to refresh or renew oneself by rest or sleep
103. ex____ng news *adj.* causing a lot of interest or excitement
104. common in____on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
105. pr____ve my strength *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
106. the te____ue applied to construction *n.* a particular way or art of doing something that needs skill
107. 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
108. increase ba____th *n.* the amount of data that can be transmitted or processed at one time often used to describe the capacity of electronic communication or computing systems

ANSWERS: 101. rooftop, 102. recharge, 103. exciting, 104. invention, 105. preserve, 106. technique, 107. economy, 108. bandwidth

109. a h__y man *adj.* of or related to a god, divine power, or a particular religion
110. tr_____nd boundaries *v.* to rise above or go beyond the limits of something
111. 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
112. a dy_____c market *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
113. im_____e pressure *adj.* extremely large or great
114. al_____y experiment *n.* a medieval chemical philosophy and speculative theory that aimed to transform base metals into gold or produce a universal elixir that could cure all diseases and grant immortality; a process of transformation or creation that appears magical or mysterious
115. su_____n a wellness lifestyle *v.* to supply enough of what somebody or something needs to survive or exist; to accept as valid
116. 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: 109. holy, 110. transcend, 111. disrupt, 112. dynamic, 113. immense, 114. alchemy, 115. sustain, 116. economy

117. di_____er of an oval *n.* the length of a straight line passing through the center of a circle and connecting two points on the circumference
118. imp_____ion on stage *n.* the act of making something up on the spot or creating or performing something without preparation
119. bite his tongue li_____ly *adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively
120. an ag__e mind *adj.* able to move quickly and easily, often in a way that is graceful and controlled
121. a rental wa_____se *n.* a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops
122. in_____te a new method *v.* to introduce new methods, ideas, or products
123. dif_____ate a function *v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
124. the di_____ty between theory and reality *n.* a significant difference or inequality between two or more things
125. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
126. su_____n a good relationship with him *v.* to supply enough of what somebody or something needs to survive or exist; to accept as valid
127. co_____e chemically with another substance *v.* to join or merge to form a single thing or group

ANSWERS: 117. diameter, 118. improvisation, 119. literally, 120. agile, 121. warehouse, 122. innovate, 123. differentiate, 124. disparity, 125. complexity, 126. sustain, 127. combine

128. ma_____l place *adj.* produced by or containing supernatural powers
129. exposure to ra_____on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
130. the di_____ty policy of the university *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
131. electromagnetic ra_____on *n.* the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
132. ex_____al factors *adj.* belonging to or situated outside of someone or something
133. E__o crises *n.* the official currency of most European Union countries
134. dif_____ate between fact and fiction *v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
135. un___k value *v.* to open something, such as a door, window, etc., usually using a key
136. re_____ge brain and body *v.* to restore the energy or power of something by supplying it with more energy or power; to refresh or renew oneself by rest or sleep
137. the ul_____te luxury *adj.* furthest or highest in degree or order

ANSWERS: 128. magical, 129. radiation, 130. diversity, 131. radiation, 132. external, 133. euro, 134. differentiate, 135. unlock, 136. recharge, 137. ultimate

138. man_____re a product *v.* to make goods in large numbers, usually in a factory using machines
139. di_____sh swelling *v.* to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc.
140. pi__t production *n.* a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water
141. live an ab_____nt life *adj.* present in great quantity
142. ru__l accents *adj.* of or relating to the countryside
143. gi__t tech company *adj.* enormous; much bigger or more important than similar items usually are
144. 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
145. wild goose ch__e *v.* to pursue something or someone to catch or capture them; to go after something vigorously or with determination; (noun) a pursuit or a hunt; a narrow groove or channel cut into a surface, often used for decorative purposes
146. f_e calculation *n.* a sum of money charged for a particular service
147. ad_____se on social media *v.* to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it

ANSWERS: 138. manufacture, 139. diminish, 140. pilot, 141. abundant, 142. rural, 143. giant, 144. planet, 145. chase, 146. fee, 147. advertise

148. tr_____rm heat into power *v.* to change in outward structure or looks;
149. mi__o bubble *n.* extremely small in scale or scope; one millionth
150. a gear change le__r *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
151. the br__d of the new car *n.* a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning
152. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
153. pr_____le in business *n.* a fundamental law or truth that explains or controls how something happens or works
154. ro_____p deck *n.* the upper surface or cover of a building's roof, often used for recreational or other purposes
155. mi__o force sensor *n.* extremely small in scale or scope; one millionth
156. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
157. l__p of faith *v.* to jump or spring into the air, often with the feet leaving the ground or a surface below; to move quickly or suddenly, often forward or upward

ANSWERS: 148. transform, 149. micro, 150. lever, 151. brand, 152. lab, 153. principle, 154. rooftop, 155. micro, 156. medical, 157. leap

158. official sta_____cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
159. an imp_____ve array of facts *adj.* arousing admiration due to size, quality, or skill
160. portable ch_____r *n.* a device used to supply electricity to recharge a battery or power a device
161. r__l a ball *v.* to move in a particular direction by turning over and over or from side to side
162. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
163. environmental ad_____ty *n.* difficulties or hardships that someone faces
164. the mean annual ra_____ll *n.* the amount of rain that falls in a specific location at a particular moment
165. un___k a door with a key *v.* to open something, such as a door, window, etc., usually using a key
166. copyrighted so_____re *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
167. get a con_____nal loan *adj.* based on or following traditional rules, standards, customs, etc.

ANSWERS: 158. statistics, 159. impressive, 160. charger, 161. roll, 162. process, 163. adversity, 164. rainfall, 165. unlock, 166. software, 167. conventional

168. 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
169. cr____ve writing *adj.* relating to or involving the use of skill and original and unusual ideas to create something
170. 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
171. the inland of a co____nt *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
172. in____l velocity *adj.* of or happening at the beginning; (noun) the first letter of a word, especially a person's name
173. ex____ng football player *adj.* causing a lot of interest or excitement
174. an in____l letter *adj.* of or happening at the beginning; (noun) the first letter of a word, especially a person's name
175. re__e the materials *v.* to use something again or more than once
176. de__t balance *n.* an entry in a financial account that represents money owed or transferred out of the account; a payment card or other means of withdrawing funds from a bank account
177. ab____b a shock *v.* to take in a fluid or other substance gradually

ANSWERS: 168. install, 169. creative, 170. planet, 171. continent, 172. initial, 173. exciting, 174. initial, 175. reuse, 176. debit, 177. absorb

178. na___n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
179. di_____sh a reputation *v.* to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc.
180. co_____t fat into energy *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
181. mul_____nal team *adj.* relating to or involving multiple countries or nationalities; having operations or business interests in multiple countries
182. rising hea_____re cost *n.* the organized activity or business of preserving mental and physical health by preventing or treating illness through services offered by the health profession
183. co_____t base 10 to base 16 *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
184. em_____ng technologies *adj.* starting to exist, mature, or become well-known
185. a st_____ht line *adj.* extending or moving in one direction without bending or curving; having no deviations
186. con_____nt on business activity *n.* a limit or restriction on something, such as an action, behavior, or thought
187. ad__t a child *v.* to choose to follow something; to legally take a child from another family and care for them as if they were one's own
188. inn_____on leader *n.* the creation of a new device or process resulting from study and experimentation

ANSWERS: 178. nation, 179. diminish, 180. convert, 181. multinational, 182. healthcare, 183. convert, 184. emerging, 185. straight, 186. constraint, 187. adopt, 188. innovation

189. pos_____rn anthropology *adj.* relating to or characterized by a rejection of objective truth and global cultural narratives and instead emphasizing the role of personal interpretation
190. 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
191. aff_____le housing *adj.* not expensive and able to pay
192. a successful ent_____eur *n.* an individual who creates or invests in one or more businesses, especially when this involves taking financial risks
193. a sop_____ted lifestyle *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
194. a fr___l meal *adj.* characterized by being sparing or economical about money or resources; avoiding waste or luxury
195. tec_____cal policy *adj.* based on scientific and industrial progress
196. de_____t money *n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force
197. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

ANSWERS: 189. postmodern, 190. grid, 191. affordable, 192. entrepreneur, 193. sophisticated, 194. frugal, 195. technological, 196. deposit, 197. engineer

198. soft c__y ground *n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics
199. a hor_____us crime *adj.* causing horror, shock, or a feeling of extreme disgust; extremely unpleasant or terrifying
200. hea_____re agency *n.* the organized activity or business of preserving mental and physical health by preventing or treating illness through services offered by the health profession
201. wi_____ss access *adj.* of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals
202. th___e on pressure *v.* to grow vigorously; to make steady progress
203. de__t card *n.* an entry in a financial account that represents money owed or transferred out of the account; a payment card or other means of withdrawing funds from a bank account
204. co_____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
205. supply ch__n *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
206. co_____nt urinary diversion *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex

ANSWERS: 198. clay, 199. horrendous, 200. healthcare, 201. wireless, 202. thrive, 203. debit, 204. communal, 205. chain, 206. continent

207. des_____ly anxious *adv.* in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency
208. on an equal ba__s *n.* the most important facts, ideas, or events from which something is developed; the way how things are organized or arranged
209. ch__n reaction *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
210. a political rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
211. te_____ny services *n.* the technology or operation of telecommunication; the transmission of sound and information over long distances using telephone or other telecommunication devices
212. 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
213. 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
214. tel_____ine consultation *n.* the remote diagnosis and treatment of patients using telecommunications technology, such as video conferencing, phone calls, or messaging services

ANSWERS: 207. desperately, 208. basis, 209. chain, 210. revolution, 211. telephony, 212. electrify, 213. develop, 214. telemedicine

215. r__l down his cheeks *v.* to move in a particular direction by turning over and over or from side to side
216. the mai_____ce of the car *n.* the act or process of keeping something, either artificial materials or living things, in good condition; the money needed for a person's or family's living expenses
217. tr_____nd limits *v.* to rise above or go beyond the limits of something
218. cr___s management *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
219. res_____on of a conflict *n.* a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display
220. pa_____t with weight loss *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
221. the pr_____er of the family *n.* a person or an organization that supplies somebody with something needed or wanted
222. guarantee re_____le delivery *adj.* worthy of being relied on; trustworthy

ANSWERS: 215. roll, 216. maintenance, 217. transcend, 218. crisis, 219. resolution, 220. patient, 221. provider, 222. reliable

223. re_____nt local dishes *v.* to change something so drastically that it looks to be completely new
224. tec_____cal advancement *adj.* based on scientific and industrial progress
225. corn yi__d *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
226. heavy tr_____c *n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
227. co_____t a highway *v.* to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid
228. strict time con_____nts *n.* a limit or restriction on something, such as an action, behavior, or thought
229. temporary me_____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
230. electronic de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
231. a traffic j_m *n.* a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit

ANSWERS: 223. reinvent, 224. technological, 225. yield, 226. traffic, 227. congest, 228. constraint, 229. medical, 230. device, 231. jam

232. ve____al takeoff	<i>adj.</i> upright or perpendicular to a horizontal surface or line
233. t_p a new market	<i>v.</i> to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
234. ni____l plate	<i>n.</i> a silver-white metallic element with the symbol Ni, used in many alloys and as a coin; a United States coin worth one-twentieth of a dollar
235. a pa__c reaction	<i>n.</i> a sudden strong feeling of fear that cannot be controlled and prevents reasonable thought and action
236. absolutely op____d to abortion	<i>adj.</i> being completely different from something or disagreeing strongly with something
237. diagnosed in____ly as a tumor	<i>adv.</i> at the beginning; at first
238. service f_e	<i>n.</i> a sum of money charged for a particular service
239. in____te the quality of his life	<i>v.</i> to introduce new methods, ideas, or products
240. af____d to buy a new car	<i>v.</i> to have enough money or time to be able to buy or do something
241. digital te____ny	<i>n.</i> the technology or operation of telecommunication; the transmission of sound and information over long distances using telephone or other telecommunication devices
242. ana____al approach	<i>adj.</i> relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze

ANSWERS: 232. vertical, 233. tap, 234. nickel, 235. panic, 236. opposed, 237. initially, 238. fee, 239. innovate, 240. afford, 241. telephony, 242. analytical

243. im____e amount *adj.* extremely large or great
244. 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
245. st____ht for two months *adj.* extending or moving in one direction without bending or curving; having no deviations
246. re____le access *adj.* worthy of being relied on; trustworthy
247. sma____ne addict *n.* a mobile phone that functions as a computer and connects to the Internet
248. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
249. lingual di____ty *n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
250. intellectual f__t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
251. pu____y the blood *v.* to remove harmful substances from something and increase the concentration of it
252. the in____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
253. asp____on into the lungs *n.* a strong desire to achieve something; the action or process of drawing breath

ANSWERS: 243. immense, 244. sector, 245. straight, 246. reliable, 247. smartphone, 248. lab, 249. diversity, 250. feat, 251. purify, 252. invention, 253. aspiration

254. sma_____ne app developer *n.* a mobile phone that functions as a computer and connects to the Internet
255. r__y entirely on him *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
256. dis_____ct the water supply *v.* to unfasten or disjoin something, especially to break the connection between a supply of gas, water, or electricity and a piece of equipment
257. sta_____cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
258. tracking de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
259. pa__c buying *n.* a sudden strong feeling of fear that cannot be controlled and prevents reasonable thought and action
260. pos_____rn art *adj.* relating to or characterized by a rejection of objective truth and global cultural narratives and instead emphasizing the role of personal interpretation
261. battery ch_____r *n.* a device used to supply electricity to recharge a battery or power a device
262. c_m lever *n.* a device or mechanism that converts rotary motion to linear motion or vice versa; a revolving cylinder with an irregular shape used in machinery to convert rotary motion into intermittent or reciprocating motion; an abbreviation for camera

ANSWERS: 254. smartphone, 255. rely, 256. disconnect, 257. statistics, 258. device, 259. panic, 260. postmodern, 261. charger, 262. cam

263. abound in in_____ty *n.* the quality of inventing things or solving problems in clever new ways
264. billionaire ent_____eur *n.* an individual who creates or invests in one or more businesses, especially when this involves taking financial risks
265. 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
266. sop_____ted look *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
267. dis_____ct a plug *v.* to unfasten or disjoin something, especially to break the connection between a supply of gas, water, or electricity and a piece of equipment
268. better fuel eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
269. the bone of a jo__t *adj.* shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton
270. st__k a key in a lock *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
271. st_____up business *n.* a newly established company or business

ANSWERS: 263. ingenuity, 264. entrepreneur, 265. sector, 266. sophisticated, 267. disconnect, 268. efficiency, 269. joint, 270. stick, 271. start-up

272. hu____ty sensor *n.* the amount of water vapor in the air, typically as a percentage of the maximum that the air could hold at that temperature
273. des_____ly ill patient *adv.* in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency
274. 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
275. le__r for reform *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
276. qu_____ed in medicine *adj.* officially recognized as having completed a training course or passed the exams that are necessary to perform a particular job
277. a jar of j_m *n.* a situation in which something becomes stuck because of a dense crowd of people, vehicles, etc.; a preserve of crushed fruit
278. basin-shaped va___y *n.* a long depression on the surface of the land, which typically contains a river
279. hor_____al stripes *adj.* parallel to the ground or in a baseline; being at the same level as all members of a group

ANSWERS: 272. humidity, 273. desperately, 274. silicon, 275. lever, 276. qualified, 277. jam, 278. valley, 279. horizontal

280. jazz imp_____ion *n.* the act of making something up on the spot or creating or performing something without preparation
281. a joint ve_____e *n.* a business project or activity that is risky or daring
282. fill the fr_____e *n.* a piece of electrical equipment in which food can be stored at low temperatures so that it stays fresh
283. every al_____te year *adj.* occurring or existing one after the other regularly
284. fr_____e magnet *n.* a piece of electrical equipment in which food can be stored at low temperatures so that it stays fresh
285. a test pi__t *n.* a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water
286. the first round of the com_____on *n.* a situation in which someone is attempting to beat or outperform another
287. af____d a high travel cost *v.* to have enough money or time to be able to buy or do something
288. measures to pr_____g the lifespan *v.* to extend the duration or length of something, particularly a period of time or an event
289. gl__n the fields *v.* to collect information, knowledge, etc., in small amounts and often with difficulty; to gather, as natural products
290. a dry ba_____y *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

ANSWERS: 280. improvisation, 281. venture, 282. fridge, 283. alternate, 284. fridge, 285. pilot, 286. competition, 287. afford, 288. prolong, 289. glean, 290. battery

291. aff_____le solution *adj.* not expensive and able to pay
292. uncomfortable hu_____ty *n.* the amount of water vapor in the air, typically as a percentage of the maximum that the air could hold at that temperature
293. pr_____t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
294. frozen as__ts *n.* something or someone that is useful or valuable quality, skill, etc.; valuable property
295. fire st__k *v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
296. no asp_____on for fame *n.* a strong desire to achieve something; the action or process of drawing breath
297. universal es_____e *n.* the basic or most important part or quality of something that makes it what it is
298. t_p keyboard with an index finger *v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
299. economic pro_____ty *n.* the state of being successful and having the good fortune
300. re__e existing knowledge *v.* to use something again or more than once

ANSWERS: 291. affordable, 292. humidity, 293. predict, 294. asset, 295. stick, 296. aspiration, 297. essence, 298. tap, 299. prosperity, 300. reuse

301. do__e a question *v.* to move quickly and suddenly to avoid something; to evade or sidestep
302. va___y bottom *n.* a long depression on the surface of the land, which typically contains a river
303. au_____ed manual transmission *adj.* carried out by machines or computers to replace or decrease human labor
304. principles of sus_____le development *adj.* able to continue or be continued for a long time
305. an information pr_____er *n.* a person or an organization that supplies somebody with something needed or wanted
306. c_w herd *n.* a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat
307. the infinite in_____ty of man *n.* the quality of inventing things or solving problems in clever new ways
308. nu__e practitioner *n.* a healthcare professional who is trained to provide care for the sick or injured; (verb) to try to cure by special care or treatment of an illness or injury
309. pa_____t in the hospital *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
310. translate li_____ly *adv.* in the real or original meaning of a word or phrase; in a literal sense or way; not figuratively

ANSWERS: 301. dodge, 302. valley, 303. automated, 304. sustainable, 305. provider, 306. cow, 307. ingenuity, 308. nurse, 309. patient, 310. literally

311. th___e in a society *v.* to grow vigorously; to make steady progress
312. dis_____te wealth evenly *v.* to give something to a large number of individuals, or to spread or furnish something
313. chemical ad_____on *n.* the act or process of adding something to something else; the process of adding numbers
314. dep_____on of liberty *n.* a state of not having something, such as food or money, that you need for a pleasant life
315. visit to the veterinary cl____c *n.* a building or hospital department where people can go for medical care or advice, especially of a particular condition
316. und_____ed community *adj.* not having enough access or connection to mainstream banking services or financial institutions
317. financial cr____s *n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
318. gr__t a new license *v.* to agree to give or allow somebody
319. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
320. mul_____nal enterprise *adj.* relating to or involving multiple countries or nationalities; having operations or business interests in multiple countries
321. la____h a spaceship into orbit *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

ANSWERS: 311. thrive, 312. distribute, 313. addition, 314. deprivation, 315. clinic, 316. underbanked, 317. crisis, 318. grant, 319. communal, 320. multinational, 321. launch

322. in_____e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
323. hor_____us traffic *adj.* causing horror, shock, or a feeling of extreme disgust; extremely unpleasant or terrifying
324. wi_____ss charging *adj.* of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals
325. do__e a blow *v.* to move quickly and suddenly to avoid something; to evade or sidestep
326. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
327. s__ls retentive of moisture *n.* the top layer of Earth in which plants grow
328. en_____ly satisfied with the meal *adv.* completely
329. pr_____ve a country's heritage *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
330. al_____y of emotions *n.* a medieval chemical philosophy and speculative theory that aimed to transform base metals into gold or produce a universal elixir that could cure all diseases and grant immortality; a process of transformation or creation that appears magical or mysterious

ANSWERS: 322. inspire, 323. horrendous, 324. wireless, 325. dodge, 326. process, 327. soil, 328. entirely, 329. preserve, 330. alchemy

331. ma_____l powers *adj.* produced by or containing supernatural powers
332. ab____b energy *v.* to take in a fluid or other substance gradually
333. barren of cr_____ve spirit *adj.* relating to or involving the use of skill and original and unusual ideas to create something
334. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
335. co_____t in a vein *v.* to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid
336. res_____ul thinker *adj.* showing creativity and ability to find quick and practical solutions to problems
337. pr_____t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
338. control re_____ly *adv.* at a distance; not directly or easily accessible
339. pro_____ty of humankind *n.* the state of being successful and having the good fortune
340. act as a pi_____r *n.* inventor; explorer; someone who is among the first to achieve something
341. ve_____e capital *n.* a business project or activity that is risky or daring
342. 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

ANSWERS: 331. magical, 332. absorb, 333. creative, 334. opportune, 335. congest, 336. resourceful, 337. predict, 338. remotely, 339. prosperity, 340. pioneer, 341. venture, 342. disrupt

343. op_____ze control for cooling *v.* to make the best or most effective use of something
344. display res_____on *n.* a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display
345. the yi__d on the bond *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
346. c__y animation *n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics
347. s__n a document into PDF *v.* to examine something hastily, with the eyes or with a machine, to get information
348. tel_____ine technology *n.* the remote diagnosis and treatment of patients using telecommunications technology, such as video conferencing, phone calls, or messaging services
349. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
350. the ne_____ty of the concrete measure *n.* the state or fact of being needed; anything indispensable
351. bi_____rd advertising *n.* a large outdoor sign or display that is used for advertising, marketing, or public information, typically located along highways or main roads

ANSWERS: 343. optimize, 344. resolution, 345. yield, 346. clay, 347. scan, 348. telemedicine, 349. engineer, 350. necessity, 351. billboard

352. ad__t a bill
v. to choose to follow something; to legally take a child from another family and care for them as if they were one's own
353. und_____ed customers
adj. not having enough access or connection to mainstream banking services or financial institutions
354. security c_m
n. a device or mechanism that converts rotary motion to linear motion or vice versa; a revolving cylinder with an irregular shape used in machinery to convert rotary motion into intermittent or reciprocating motion; an abbreviation for camera
355. in great ne_____ty
n. the state or fact of being needed; anything indispensable
356. heavy ra_____ll
n. the amount of rain that falls in a specific location at a particular moment
357. id_____fy gene sequences
v. to recognize someone or something and say or prove who or what they are
358. re_____ly operate
adv. at a distance; not directly or easily accessible
359. in_____ly anticipated
adv. at the beginning; at first
360. fuel sc_____ty
n. the state of being in short supply; a small and inadequate amount
361. dy_____c person
adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

ANSWERS: 352. adopt, 353. underbanked, 354. cam, 355. necessity, 356. rainfall, 357. identify, 358. remotely, 359. initially, 360. scarcity, 361. dynamic

362. la___h a big attack *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
363. op_____ze a process *v.* to make the best or most effective use of something
364. man_____re an enzyme *v.* to make goods in large numbers, usually in a factory using machines
365. ve_____al axis *adj.* upright or perpendicular to a horizontal surface or line
366. sus_____le alternative fuel *adj.* able to continue or be continued for a long time

ANSWERS: 362. launch, 363. optimize, 364. manufacture, 365. vertical, 366. sustainable

Session 3: Fill in the Blanks

1. The equipment is frequently used to _____ and distribute drinking water.
 - v. to remove harmful substances from something and increase the concentration of it

2. The fire ruined all the food stored in the _____.
 - n. a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops

3. The national assembly has _____ the budget.
 - v. to choose to follow something; to legally take a child from another family and care for them as if they were one's own

4. It's notoriously challenging to _____ birth rates.
 - v. to state beforehand that something will happen in the future, mainly based on knowledge or experience

5. The budget reduction was an _____ feat for our nation.
 - adj. arousing admiration due to size, quality, or skill

6. As people get old, their energies may _____.
 - v. to reduce or be reduced in size, extent, or importance; to make something smaller, weaker, etc.

7. Internet traffic volumes have increased significantly with the advent of _____.
 - n. a mobile phone that functions as a computer and connects to the Internet

ANSWERS: 1. purify, 2. warehouse, 3. adopted, 4. predict, 5. impressive, 6. diminish, 7. smartphones

8. She had to _____ the oncoming traffic to cross the busy street safely.
v. to move quickly and suddenly to avoid something; to evade or sidestep
9. The _____ team worked quickly to save the patient's life.
adj. relating to the treatment of illness or injuries; relating to the practice of medicine
10. The findings of the experiment were both _____ and unexpected.
adj. causing a lot of interest or excitement
11. The doctor carefully examined the _____ medical history.
n. a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
12. Flight across the _____ was a daring adventure in its day.
n. one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
13. The _____ jets gradually dominate the world's airlines.
adj. enormous; much bigger or more important than similar items usually are
14. 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
15. 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

ANSWERS: 8. dodge, 9. medical, 10. exciting, 11. patient's, 12. continent, 13. giant, 14. battery, 15. efficiency

16. Creativity and _____ are often brought about by extreme concentration.
n. the quality of inventing things or solving problems in clever new ways
17. 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
18. The company specializes in both hardware and _____.
n. a set of computer programs and associated documentation and data for doing particular computational jobs
19. This initiative will be a _____ for increasing company sales.
n. a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
20. Later, his claim was found to be _____ false.
adv. completely
21. The plant will continue operating through an _____ system 24 hours a day.
adj. carried out by machines or computers to replace or decrease human labor
22. She was _____ and found a solution to the problem on her own.
adj. showing creativity and ability to find quick and practical solutions to problems
23. The _____ exercised great care in landing.
n. a person who flies an aircraft, especially as a job; a person qualified to guide ships through a difficult area of water
24. Many _____ areas are still impoverished.
adj. of or relating to the countryside

ANSWERS: 16. ingenuity, 17. improvisation, 18. software, 19. lever, 20. entirely, 21. automated, 22. resourceful, 23. pilot, 24. rural

25. When a company discloses information to the market, an _____ auditor verifies them.

adj. belonging to or situated outside of someone or something

26. He _____ jumped out of his chair when he heard the news.

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

27. I remembered that person _____ and never forgot.

adv. immediately

28. The vegetarian burger was an _____ that quickly spread to the United Kingdom.

n. the creation of a new device or process resulting from study and experimentation

29. People have been exploring ways to _____ natural forces and resources since ancient times.

v. to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object

30. They took the _____ step toward reconciliation.

adj. of or happening at the beginning; (noun) the first letter of a word, especially a person's name

31. There's a new _____ of hero in the movies now.

n. a type of product, service, etc., made by a particular company and sold under a specific name; identification mark on the skin of livestock, criminals, etc., made by burning

ANSWERS: 25. external, 26. literally, 27. instantly, 28. innovation, 29. harness, 30. initial, 31. brand

32. The lawyer's ____ for the case was \$10,000.

n. a sum of money charged for a particular service

33. My grandparents were always _____ with their money, even when they had plenty of it.

adj. characterized by being sparing or economical about money or resources; avoiding waste or luxury

34. People select Internet _____ not only in terms of price but also in terms of transmission speed.

n. a person or an organization that supplies somebody with something needed or wanted

35. Some countries may leave the _____.

n. the official currency of most European Union countries

36. I made a _____ at the bank to add money to my account.

n. a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force

37. John Whitney was a computer animation _____.

n. inventor; explorer; someone who is among the first to achieve something

38. The _____ of Japan is known for its unique culture and advanced technology.

n. a large organized community of people living in a particular country or region and having a particular culture

39. In an aging population, citizens must pay more to maintain quality _____.

n. the organized activity or business of preserving mental and physical health by preventing or treating illness through services offered by the health profession

ANSWERS: 32. fee, 33. frugal, 34. providers, 35. Euro, 36. deposit, 37. pioneer, 38. nation, 39. healthcare

40. The _____ into the new market was risky, but it paid off.
n. a business project or activity that is risky or daring
41. He needed to _____ his phone before the meeting.
v. to restore the energy or power of something by supplying it with more energy or power; to refresh or renew oneself by rest or sleep
42. The music _____ cultural barriers and reached audiences globally.
v. to rise above or go beyond the limits of something
43. We want to _____ our company through your media.
v. to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it
44. He was sick for five _____ days.
adj. extending or moving in one direction without bending or curving; having no deviations
45. He tried every possible treatment, including chemotherapy and _____ therapy.
n. the energy that comes from a nuclear reaction in the form of rays, waves, or particles and that can be hazardous to health
46. The majority of synthetic vitamins are _____ from oil.
v. to make goods in large numbers, usually in a factory using machines
47. University teaches the art of understanding the _____ of the matter.
n. the basic or most important part or quality of something that makes it what it is

ANSWERS: 40. venture, 41. recharge, 42. transcended, 43. advertise, 44. straight, 45. radiation, 46. manufactured, 47. essence

48. Some research says that a relative decline in teacher salaries is causing labor _____.
- n.* the state of being in short supply; a small and inadequate amount
49. The government should do more to support environmentally _____ agriculture.
- adj.* able to continue or be continued for a long time
50. You _____ a bill in the change machine, and the coins pop out.
- v.* to put something, usually a sharp object, into something; to restrict yourself to doing or using one certain thing and not change; (noun) a thin piece of wood or other material
51. The sprinter has a _____ way of running.
- adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
52. _____ moisture is another significant component controlling soil respiration.
- n.* the top layer of Earth in which plants grow
53. She finally decided to _____ herself from the company.
- v.* to unfasten or disjoin something, especially to break the connection between a supply of gas, water, or electricity and a piece of equipment
54. The _____ demonstrate that poverty and unemployment are genuine problems.
- n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

ANSWERS: 48. scarcity, 49. sustainable, 50. stick, 51. dynamic, 52. Soil, 53. disconnect, 54. statistics

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

adj. not expensive and able to pay

56. The _____ will repair my telephone tomorrow morning.

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

57. The chairperson _____ him the right to speak.

v. to agree to give or allow somebody

58. Without investment, a business cannot _____.

v. to grow vigorously; to make steady progress

59. Babies heavily _____ on others for food.

v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

60. Efficiency isn't an essential _____ here; fairness is.

n. a fundamental law or truth that explains or controls how something happens or works

61. 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

62. The company is set to _____ its new product line next month.

v. to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time

ANSWERS: 55. affordable, 56. engineer, 57. granted, 58. thrive, 59. rely, 60. principle, 61. electrify, 62. launch

63. The mechanic adjusted the ____ mechanism to improve the engine's performance.
- n.* a device or mechanism that converts rotary motion to linear motion or vice versa; a revolving cylinder with an irregular shape used in machinery to convert rotary motion into intermittent or reciprocating motion; an abbreviation for camera
64. The company can _____ access its employees' computers for troubleshooting purposes.
- adv.* at a distance; not directly or easily accessible
65. _____ elections were held in several European countries.
- adj.* belonging to or used by a group rather than individuals; for common use
66. This train departed later than _____ scheduled.
- adv.* at the beginning; at first
67. The Prime Minister will pay a courtesy visit to the Nobel laureate's ____.
- n.* a workplace for the conduct of scientific research; a laboratory
68. These plants thrive in hot climates with abundant _____.
- n.* the amount of rain that falls in a specific location at a particular moment
69. The supermarket encourages shoppers to _____ plastic bags.
- v.* to use something again or more than once
70. Losing him is great _____ to our team.
- n.* a state of not having something, such as food or money, that you need for a pleasant life

ANSWERS: 63. cam, 64. remotely, 65. Communal, 66. initially, 67. lab, 68. rainfall, 69. reuse, 70. deprivation

71. The sponge _____ water well.

v. to take in a fluid or other substance gradually

72. The cleaning lady comes on _____ Wednesdays.

adj. occurring or existing one after the other regularly

73. The baby clung _____ to her mother.

adv. in a way that shows a lack of hope and a willingness to do anything because of the problematic situation; with great urgency

74. Airplanes need _____ tails to improve stability.

adj. parallel to the ground or in a baseline; being at the same level as all members of a group

75. The budget _____ forced them to make difficult decisions.

n. a limit or restriction on something, such as an action, behavior, or thought

76. He carefully interviewed the victims and tried to _____ the details of the culprit.

v. to collect information, knowledge, etc., in small amounts and often with difficulty; to gather, as natural products

77. 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

78. Fresh water is becoming increasingly _____ in many parts of the world.

adj. not abundant or plentiful, and therefore not easy to find or obtain

79. He is _____ and can break down complex problems into manageable parts.

adj. relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze

ANSWERS: 71. absorbs, 72. alternate, 73. desperately, 74. horizontal, 75. constraint, 76. glean, 77. device, 78. scarce, 79. analytical

80. The night shift _____ checked my vital signs before administering the medication.
- n.* a healthcare professional who is trained to provide care for the sick or injured;
(verb) to try to cure by special care or treatment of an illness or injury
81. Necessity is the mother of _____.
- n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
82. The _____ in the tropical forest was so high that it was hard to breathe.
- n.* the amount of water vapor in the air, typically as a percentage of the maximum that the air could hold at that temperature
83. He has an _____ to become a doctor.
- n.* a strong desire to achieve something; the action or process of drawing breath
84. The Chinese word for _____ comprises two characters, one for danger and the other for opportunity.
- n.* a time of great disagreement, confusion, or danger when problems must be resolved or critical decisions must be taken
85. I will introduce you to how to _____ the leading causes of the malfunction.
- v.* to recognize someone or something and say or prove who or what they are
86. I'm strongly _____ to that plan.
- adj.* being completely different from something or disagreeing strongly with something
87. Global _____ is rising in virtually every industry.
- n.* a situation in which someone is attempting to beat or outperform another

ANSWERS: 80. nurse, 81. invention, 82. humidity, 83. aspiration, 84. crisis, 85. identify, 86. opposed, 87. competition

88. The new _____ on the highway promotes a popular vacation destination.
- n.* a large outdoor sign or display that is used for advertising, marketing, or public information, typically located along highways or main roads
89. There is a significant _____ in pay between men and women in the company.
- n.* a significant difference or inequality between two or more things
90. The police officer _____ the suspect through the crowded streets until they finally caught him.
- v.* to pursue something or someone to catch or capture them; to go after something vigorously or with determination; (noun) a pursuit or a hunt; a narrow groove or channel cut into a surface, often used for decorative purposes
91. The _____ by the citizen resulted in a redistribution of wealth.
- n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
92. Jockey's superior _____ brought him victory.
- n.* a particular way or art of doing something that needs skill
93. He was impressed by the range and _____ of the collection.
- n.* the quality or fact of many different types of things or people being included in something; a range of different things or people
94. He left his wife an _____ fortune.
- adj.* extremely large or great
95. Due to the pandemic, many doctors have started offering _____ appointments.
- n.* the remote diagnosis and treatment of patients using telecommunications technology, such as video conferencing, phone calls, or messaging services

ANSWERS: 88. billboard, 89. disparity, 90. chased, 91. revolution, 92. technique, 93. diversity, 94. immense, 95. telemedicine

96. The ladder leaned against the _____ surface of the building.

adj. upright or perpendicular to a horizontal surface or line

97. The shredder in the print room often has paper _____.

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

98. 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

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

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

100. _____ willingly accept business risks to achieve success.

n. an individual who creates or invests in one or more businesses, especially when this involves taking financial risks

101. She holds a _____ on Tuesday mornings.

n. a building or hospital department where people can go for medical care or advice, especially of a particular condition

102. The _____ storm caused massive flooding in the town and destroyed many houses.

adj. causing horror, shock, or a feeling of extreme disgust; extremely unpleasant or terrifying

103. It is an incredible _____ to climb Mount Everest, the highest mountain in the world.

n. a notable or impressive achievement, especially one that requires great skill or bravery

ANSWERS: 96. vertical, 97. jams, 98. inspired, 99. preserve, 100. Entrepreneurs, 101. clinic, 102. horrendous, 103. feat

104. The participation of oil-producing countries in the war caused _____ in the financial markets.

n. a sudden strong feeling of fear that cannot be controlled and prevents reasonable thought and action

105. A sense of humor is an invaluable _____ in this job.

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

106. A smaller car will _____ less fuel.

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

107. This war shattered dreams of peace and _____.

n. the state of being successful and having the good fortune

108. The _____ architecture of the building was a contrast to the traditional designs in the neighborhood.

adj. relating to or characterized by a rejection of objective truth and global cultural narratives and instead emphasizing the role of personal interpretation

109. _____ advances have disrupted many industries.

adj. based on scientific and industrial progress

110. 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

111. I want to _____ my sadness into strength.

v. to have a talk with someone; (adjective) reversed in order, relation, or action

ANSWERS: 104. panic, 105. asset, 106. consume, 107. prosperity, 108. postmodern, 109. Technological, 110. planet, 111. convert

112. The sculptor carefully molded the _____ into the desired shape.

- n.* a natural, earthy material that is made up of very small particles of minerals and can be molded when wet and then fired to produce ceramics

113. The customs officer required the traveler to _____ his suitcase.

- v.* to open something, such as a door, window, etc., usually using a key

114. 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

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

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

116. She stood on the podium and _____ an audience.

- v.* to examine something hastily, with the eyes or with a machine, to get information

117. His estate was _____ to his sons.

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

118. _____ technologies have dramatically improved productivity in various industries.

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

119. The _____ population is often forced to rely on alternative financial services such as payday loans and check cashing.

- adj.* not having enough access or connection to mainstream banking services or financial institutions

ANSWERS: 112. clay, 113. unlock, 114. sector, 115. valley, 116. scanned, 117. distributed, 118. Emerging, 119. underbanked

120. The _____ in my pocket jingled as I walked.

n. a silver-white metallic element with the symbol Ni, used in many alloys and as a coin; a United States coin worth one-twentieth of a dollar

121. We cannot afford to squander _____ time.

adj. uncommon and extremely valuable

122. The _____ development process allowed the team to make changes quickly.

adj. able to move quickly and easily, often in a way that is graceful and controlled

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

v. to change in outward structure or looks;

124. The _____ corporation has offices in over 30 countries.

adj. relating to or involving multiple countries or nationalities; having operations or business interests in multiple countries

125. Remember to bring your phone _____ with you when you go on vacation.

n. a device used to supply electricity to recharge a battery or power a device

126. Management must take _____ responsibility for the accident.

adj. furthest or highest in degree or order

127. They have tried to _____ their grocery stores.

v. to change something so drastically that it looks to be completely new

128. The essence of economics is to _____ the allocation of limited resources.

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

ANSWERS: 120. nickel, 121. precious, 122. agile, 123. transformed, 124. multinational, 125. charger, 126. ultimate, 127. reinvent, 128. optimize

129. The _____ industry constantly innovates to keep up with new technologies and changing customer needs.
- n.* the technology or operation of telecommunication; the transmission of sound and information over long distances using telephone or other telecommunication devices
130. The roads to the airport were heavily _____.
- v.* to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid
131. After the summit meeting, the prime ministers issued a _____ statement.
- adj.* shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton
132. They gathered to hear the _____ teachings of the guru.
- adj.* of or related to a god, divine power, or a particular religion
133. Companies developing self-driving cars consistently _____ the emerging technologies.
- v.* to introduce new methods, ideas, or products
134. Hydrogen and oxygen _____ to form water.
- v.* to join or merge to form a single thing or group
135. I bought a new tool ____ for my home repair projects.
- n.* a set of tools, supplies, or equipment for a particular purpose
136. 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

ANSWERS: 129. telephony, 130. congested, 131. joint, 132. holy, 133. innovate, 134. combine, 135. kit, 136. disrupt

137. The athlete was able to _____ over the hurdle with ease.

- v. to jump or spring into the air, often with the feet leaving the ground or a surface below; to move quickly or suddenly, often forward or upward

138. The phone rang at the most _____ time.

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

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

- v. to make or become better

140. Can you _____ 123321 by eleven?

- v. to separate or cause to separate into parts or groups

141. She left the _____ door open inadvertently.

- n. a piece of electrical equipment in which food can be stored at low temperatures so that it stays fresh

142. The country has _____ oil and natural gas resources.

- adj. present in great quantity

143. Electronic _____ remain incomplete due to system errors.

- n. an instance of buying or selling something; the act or process of doing something

144. The golfer recorded an _____ distance.

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

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

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

ANSWERS: 137. leap, 138. opportune, 139. improve, 140. divide, 141. fridge, 142. abundant, 143. transactions, 144. amazing, 145. invest

146. We decided to take a detour to avoid the construction _____ on the main road.
- n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
147. To expand the company, we must ____ new human resources.
- v.* to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
148. In _____ private corporations provide healthcare services.
- n.* the act or process of adding something to something else; the process of adding numbers
149. He was exhausted and _____ into bed as soon as he got home.
- v.* to move in a particular direction by turning over and over or from side to side
150. 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
151. We have decided to extend our _____ contract until next year.
- n.* the act or process of keeping something, either artificial materials or living things, in good condition; the money needed for a person's or family's living expenses
152. We seek a person _____ for the post.
- adj.* officially recognized as having completed a training course or passed the exams that are necessary to perform a particular job

ANSWERS: 146. traffic, 147. tap, 148. addition, 149. rolled, 150. economy, 151. maintenance, 152. qualified

153. He cannot _____ a holiday.

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

154. When I was a child, my mother often cast _____ spells to ease my pain whenever I was injured.

adj. produced by or containing supernatural powers

155. He emphasized the _____ of immediate action.

n. the state or fact of being needed; anything indispensable

156. I don't have the _____ to take on any new projects, as I'm already working on multiple assignments.

n. the amount of data that can be transmitted or processed at one time often used to describe the capacity of electronic communication or computing systems

157. The office's _____ network allows employees to work from anywhere in the building.

adj. of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals

158. The team demonstrated great resilience in the face of _____ and won the game.

n. difficulties or hardships that someone faces

159. 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

160. The company's stock gives a high _____.

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

ANSWERS: 153. afford, 154. magical, 155. necessity, 156. bandwidth, 157. wireless, 158. adversity, 159. installed, 160. yield

161. The teacher asked the students to _____ between the two similar species of birds.
- v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
162. Today, the study of _____ remains an important part of the history of science and philosophy
- n.* a medieval chemical philosophy and speculative theory that aimed to transform base metals into gold or produce a universal elixir that could cure all diseases and grant immortality; a process of transformation or creation that appears magical or mysterious
163. I checked my bank statement and noticed an unexpected _____ from an unknown source.
- n.* an entry in a financial account that represents money owed or transferred out of the account; a payment card or other means of withdrawing funds from a bank account
164. The _____ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
165. She struggled to _____ the children's reading habits.
- v.* to supply enough of what somebody or something needs to survive or exist; to accept as valid
166. _____ 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

ANSWERS: 161. differentiate, 162. alchemy, 163. debit, 164. process, 165. sustain, 166. Silicon

167. He made a New Year's _____ to exercise more and eat healthier.

- n.* a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display

168. Our company's services are targeted at _____ executives.

- n.* a newly established company or business

169. Trains are _____ inexpensive, and ideal for long-distance travel.

- adj.* worthy of being relied on; trustworthy

170. The farmer milked the _____ every morning before breakfast.

- n.* a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat

171. Marketing strategies are growing more _____.

- adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

172. She is very _____ in her thoughts.

- adj.* based on or following traditional rules, standards, customs, etc.

173. 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

174. This evidence will form the _____ for our discussion.

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

ANSWERS: 167. resolution, 168. start-up, 169. reliable, 170. cows, 171. sophisticated, 172. conventional, 173. complexity, 174. basis

175. 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

176. The _____ on my bike broke, leaving me stranded.

- n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle

177. We need to _____ the meeting for another hour to discuss all the issues.

- v.* to extend the duration or length of something, particularly a period of time or an event

178. 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

179. Draw a circle five centimeters in _____.

- n.* the length of a straight line passing through the center of a circle and connecting two points on the circumference

180. _____ 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

181. This approach employs both _____ and macro analysis methods.

- n.* extremely small in scale or scope; one millionth

ANSWERS: 175. rooftop, 176. chain, 177. prolong, 178. panel, 179. diameter, 180. Grid, 181. micro

182. All the supervisor has to do is assign tasks that make his subordinates more _____.

adj. relating to or involving the use of skill and original and unusual ideas to create something

183. 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

ANSWERS: 182. creative, 183. develop