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Vocabulary Builder Reference from...

Charlotte Degot: A more accurate way to calculate emissions | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

emission

n. the act of production or sending out gas, heat, light, etc.
synonym : emanation, radiation, discharge

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

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

accurate

adj. correct and exact in all details
synonym : exact, precise, proper

(1) provide **accurate** information, (2) **accurate** measurements

The official transcript contains **accurate** academic records.

climate

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

synonym : atmosphere, weather, environment

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

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

calorie

n. unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce

(1) **calorie** calculation, (2) reduce my **calorie** intake
It would be best if you burned off **calories** through vigorous exercise.

bound

v. to move forward by leaps and bounds; to form the boundary of something

synonym: jump, bounce, leap

(1) **bounded** with delight, (2) **bound** up a staircase
Canada **bounds** on the United States.

blind

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

synonym: sightless, unseeing, random

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

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

greenhouse

n. a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in

synonym: conservatory

(1) exotic plants in a **greenhouse**, (2) emissions of **greenhouse** gases

The **greenhouse** effect is a phenomenon that happens naturally.

invisible

adj. impossible or nearly impossible to see

synonym: hidden, imperceptible, unseen

(1) an **invisible** asset, (2) **invisible** stars

The phenomenon is **invisible** at optical wavelengths.

sensor

n. a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner

synonym: detector

(1) motion **sensor** lighting, (2) an image **sensor**

This automatic door could no longer be opened due to a **sensor** failure.

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.

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.

estimate

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

synonym : calculate, gauge, evaluate

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

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

conversion

n. the act or process of changing something from one thing to another; the state of being changed

synonym : transformation, change, metamorphosis

(1) **conversion** rate, (2) **conversion** therapy

The developer's **conversion** of the old factory into a modern loft apartment complex was a major success.

consequence

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

synonym : result, impact, outcome

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

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

incomplete

adj. not having all the necessary or appropriate parts; not yet finished

synonym: undone, unfinished, insufficient

(1) **incomplete** information, (2) customer with **incomplete** credit histories

The researcher criticized the study due to **incomplete** data.

inaccurate

adj. not completely correct or exact; not conforming to the truth or a standard

synonym: incorrect, erroneous, imprecise

(1) **inaccurate** measurement, (2) **inaccurate** figures

The information in the report was found to be **inaccurate**, so it had to be corrected before it was published.

margin

n. the space around the edge of a page or document; (finance) the net sales minus the cost of goods and services sold

synonym: edge, border, periphery

(1) **margin** error, (2) a profit **margin**

Unfortunately, the book's **margin** was too small to make notes.

corporation

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

synonym: business, company, enterprise

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

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

progression

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

synonym: advancement, development, evolution

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

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

nonprofit

adj. not established for commercial profit

synonym : charitable

(1) a **nonprofit** organization, (2) **nonprofit** agency

Our law firm also focuses on **nonprofit** activities.

disclose

v. to make something, such as secret or new information, known publicly

synonym : declare, reveal, uncover

(1) **disclose** a secret, (2) **disclose** a vulnerability

The curtain rose to **disclose** a fantastic set.

environment

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

synonym : atmosphere, surroundings, climate

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

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

striking

adj. attractive and distinctive enough to draw notice; exceedingly appealing, frequently in an odd manner

synonym : arresting, astonishing, exceptional

(1) **striking** innovation, (2) **striking** evidence

The two plays have many **striking** parallels.

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.

carbon

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

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

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

rigor

n. strictness or severity in opinion, temper, or judgment
synonym: strictness, exactness, accuracy

(1) the **rigor** of the law, (2) academic **rigor**

When the dead body was found, **rigor** mortis had already begun.

measurement

n. the act or process of finding something's size, quantity, or degree

synonym: calculation, dimensions, size

(1) chest **measurement**, (2) a precise **measurement**

The **measurement** error of this industrial machine is less than one micrometer.

modern

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

synonym: contemporary, stylish, current

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

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

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.

crucial

adj. extremely vital or necessary

synonym: essential, pivotal, vital

(1) **crucial** information, (2) a **crucial** issue for women

The revitalization of technology companies is **crucial** to the country's growth.

accelerate

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

synonym: speed up, quicken, rev

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

The government tried to **accelerate** the commercialization of

this development.

intelligence

n. the ability to learn, comprehend, or make judgments or conclusions based on reasons

synonym: brains, brightness, cleverness

(1) an **intelligence** test, (2) field of artificial **intelligence**

In terms of **intelligence**, he was head and shoulders above his classmates.

artificial

adj. not natural and made by human beings; not real but produced to resemble something

synonym: synthetic, man-made, manufactured

(1) **artificial** flowers, (2) **artificial** environment

The **artificial** intelligence system has revolutionized the way we live and work.

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.

automatically

adv. without needing a direct human control

synonym: mechanically, unconsciously, spontaneously

(1) record driving **automatically**, (2) **automatically** adjusted

Our subscription plan is **automatically** renewed.

diverse

adj. including numerous categories of individuals or entities; various

synonym: manifold, various, myriad

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

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

unstructured

adj. not having a clear organization or arrangement

synonym: unorganized, unarranged, formless

(1) **unstructured** text, (2) **unstructured** information

The **unstructured** data took a lot of work to analyze and interpret.

invoice

n. a bill or statement of charges for goods or services provided, typically containing details such as quantity, price, and date of delivery or service

synonym: bill, statement, receipt

(1) **invoice** number, (2) unpaid **invoice**

The **invoice** for the new product shipment arrived in the mail today.

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.

simulate

v. to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes

synonym: pretend, imitate, mimic

(1) **simulate** climate change, (2) **simulate** a future scenario

He had painted the wood to **simulate** stone.

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.

spirit

n. the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the

effect that it has on people

synonym: soul, attitude, enthusiasm

(1) **spirit** and the letter of the law, (2) an indomitable **spirit**

Despite their tragic loss, the family is showing great **spirit**.

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.

globe

n. the earth or world, mainly used to emphasize its vastness

synonym: Earth, world, sphere

(1) terrestrial **globe**, (2) around the **globe**

His final goal is to sail around the **globe**.

facility

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

synonym: building, structure, installation

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

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

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.

lease

n. a legal document that grants a person or organization the right to use a property, land, or asset for a specified

period of time, usually in exchange for rent or a fee;
(verb) to rent or let out a property, vehicle, or other
assets to someone for a specified period of time in
exchange for payment

synonym : rental, tenancy, agreement

(1) long-term **lease**, (2) commercial **lease**

The landlord offered me a one-year **lease** for the apartment.

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.

transport

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

synonym : shipment, transit, conveyance

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

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

etcetera

n. used to indicate that some other unspecified items or
things could be included besides those already
mentioned; and so on

synonym : and so on, and the like, and others

(1) tools, hardware, **etcetera**, (2) meetings, appointments,
and **etcetera**

The museum contains a variety of artifacts, from ancient
pottery to medieval armor, **etcetera**.

inaccessible

adj. unable to travel to or reach; not available

synonym : inapproachable, unreachable, remote

(1) **inaccessible** to an unauthorized user, (2) **inaccessible**
areas

Heavy snow made it **inaccessible** to go to the mountain
village.

scope

n. the range of one's perceptions, thoughts, or actions, or a subject that

synonym: content, coverage, extent

(1) **scope** of a project, (2) have broad **scope**

The **scope** of human thought is diverse.

calculate

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

synonym: compute, figure, estimate

(1) **calculate** the distance, (2) **calculate** his credit score

He couldn't **calculate** the actual value of the artwork.

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.

rough

adj. not quite exact or correct; having or caused by an irregular surface

synonym: inelegant, coarse, barbarian

(1) **rough** and tough, (2) **rough** estimation

The vehicle bounced along the **rough** mountain road.

examine

v. to study or consider a person or object attentively and thoroughly to learn something about them

synonym: study, probe, analyze

(1) **examine** the data studiously, (2) **examine** the issue

Initially, we must **examine** all project-related expenses.

multiply

v. to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

synonym: boost, amplify, reproduce

(1) **multiply** 5 and 6, (2) **multiply** about hundredfold

Multiply a number by itself twice.

represent

v. to speak, act, or be present on behalf of another person or group; to form or constitute

synonym: depict, express, describe

(1) **represent** by a diagram, (2) the characters that **represent** numbers

We elected him to **represent** us at the international conference.

equivalent

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

synonym: equal, counterpart, match

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

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

numerous

adj. amounting to a large indefinite number

synonym: many, considerable, countless

(1) **numerous** countries, (2) as **numerous** as the sand

These descriptions are based on a number of **numerous** assumptions.

recycle

v. to sort and collect things to process them and produce valuable materials that can be used again

synonym: reclaim, reuse, reprocess

(1) **recycle** the cardboard boxes, (2) **recycle** milk packaging into new paper

We largely **recycle** the circuit board of cell phones because they contain a lot of valuable metals.

origin

n. the first existence or beginning of something

synonym: root, source, ancestor

(1) **origin** of information, (2) racial **origin**

There are various hypotheses concerning the **origin** of life.

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.

integrate

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

synonym : mix, merge, combine

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

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

calculation

n. the act or process of using numbers to judge an amount of something

synonym : analysis, computation, estimate

(1) make a **calculation**, (2) **calculation** of loss and gain

The error in the **calculation** was attributable to rounding.

importance

n. the quality of being important and worthy of note

synonym : significance, primacy, matter

(1) a man of **importance**, (2) high **importance**

I stopped by the branch though I have no business of **importance**.

correlate

v. to have a connection or relationship in which one thing affects or depends on another

synonym : associate, liken, connect

(1) **correlate** closely with the quality, (2) **correlate** to the size

We may frequently **correlate** age with the frequency of disease.

granular

adj. consisting of or resembling small grains or particles; having a rough, irregular texture or appearance

synonym : gritty, grainy, sandy

(1) a **granular** medicine, (2) **granular** data

The soil had a **granular** texture, making it easy to plant the seeds.

methodology

n. a set of ways or principles of doing, teaching, or studying something

synonym: procedure, approach, process

(1) **methodology** for optimizing, (2) research **methodology**

We are developing a new **methodology** for assessing marketing measures.

typical

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

synonym: characteristic, usual, distinctive

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

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

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.

concrete

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

synonym: actual, factual, hardened

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

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

cement

v. make fast as if with cement; (noun) a building material that is a powder made of a mixture of calcined limestone and clay, used with water, sand, and small stones to make concrete

synonym: adhesive, glue

(1) **cement** a close relationship, (2) **cement** blend

They are eager to **cement** a positive reputation.

massive

adj. enormous amount; very heavy and solid

synonym : enormous, giant, immense

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

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

emit

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

synonym : give off, radiate, expel

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

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

rank

n. a position in a hierarchy of status or authority; (verb) to take or have a position relative to others

synonym : position, status, standing

(1) **rank** amateur, (2) high **rank**

He was promoted to the **rank** of captain in the military.

union

n. a group of employees who have banded together to advocate for their rights and better their working conditions; the act or the state of joining together or being joined together

synonym : alliance, coalition, confederation

(1) bank and credit **unions**, (2) a craft **union**

The trade **union** remained adamant about its demands.

clink

v. to make a sharp, ringing sound by striking one hard object against another; to make a sound like metal hitting glass

synonym : clatter, clang, rattle

(1) **clink** ice cubes, (2) **clink** their medals together in celebration

The bartender used a spoon to **clink** against the glass to signal that it was the last call.

ingredient

n. one of the things used to make something, especially one of the foods used to make a particular dish

synonym : element, component

(1) secret **ingredients**, (2) compound the **ingredients**

Greed is the primary **ingredient** in the making of criminals.

maintain

v. to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

synonym : preserve, uphold, sustain

(1) **maintain** order, (2) **maintain** good health

I need to **maintain** my car regularly to prevent any major mechanical issues.

temperature

n. the degree of hotness or coldness of a thing or place

synonym : climate, warmth, degree

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

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

degree

n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

synonym : level, qualification, diploma

(1) bachelor's **degree**, (2) **degree** centigrade

She received her **degree** in psychology from the university.

fuel

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

synonym : energy, power, gas

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

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

sauce

n. a liquid or semi-solid food served on or used in preparing other foods

synonym : condiment, gravy, dressing

(1) a flavorful **sauce**, (2) soy **sauce**

The pasta dish was served with a rich tomato **sauce**.

generate

v. to produce or create something; to make offspring by reproduction

synonym : create, yield, produce

(1) **generate** more electricity, (2) **generate** \$100 a month

The economic stimulation program would **generate** a lot of new jobs.

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.

influence

n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself

synonym : power, leverage, effect

(1) **influence** a child's future, (2) **influence** the daily life

The former emperor had a particular **influence** even after he abdicated.

parameter

n. a numerical or other measurable factors that characterize a system or set of data

synonym : factor, variable, characteristic

(1) **parameter** estimation, (2) **parameter** tuning

The temperature range was one of the critical **parameters** we had to consider when designing the experiment.

rotation

n. the action or process of moving in a circle around an axis or center

synonym : revolution, spin, turning

(1) job **rotation**, (2) a period of **rotation**

The **rotation** of the Earth causes day and night.

chemical

adj. relating to or connected with chemistry;

synonym : chemic, synthetic

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

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

composition

n. the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone

synonym : creating, formatting, arrangement

(1) age **composition** of the population, (2) the piano passages in the **composition**

Their innovative concepts were consistent across their bodies of **composition**.

enormous

adj. extremely large or great

synonym : huge, giant, gigantic

(1) **enormous** amount, (2) **enormous** potential

Shakespeare's output of poetry was **enormous**.

on-site

adj. located, situated, or taking place at the same site or place as another specified activity or event; at the location where work or a project is being done or where a service is being provided

synonym : on-location, at the site, at the place

(1) **on-site** parking, (2) **on-site** restaurant

The construction team set up an **on-site** office to manage the building project.

operational

adj. relating to a particular process or series of actions for achieving a result

synonym : functional, active, working

(1) introduce **operational** software, (2) build **operational** excellence

The machine should be **operational** by Friday afternoon.

AI

n. (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation

synonym: robot, machine learning, neural network

(1) **AI** expert, (2) apply **AI** technology to art

The evolution of processors has dramatically improved the performance of **AI**.

mass

n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

synonym: abundance, crowd, mob

(1) a **mass** of molten rock, (2) critical **mass**

The **mass** of people who do not own property is politically impotent.

balance

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

synonym: equilibrium, counterpoise, remainder

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

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

decision

n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options

synonym: choice, determination, judgment

(1) **decision** authority, (2) a selfish **decision**

She was struggling to make a **decision** between two job offers.

recommend

v. to suggest that someone or something would be a suitable fit for a particular purpose or role

synonym: advise, suggest, instruct

(1) **recommend** a hospitalization, (2) **recommend** reading
We **recommend** taking media training every six months.

optimal

adj. the best; most likely to be successful or advantageous
synonym: optimum, desirable, favorable

(1) achieve **optimal** health, (2) **optimal** for intellectual growth

Wild animals need to go forward with the **optimal** action to survive.

operator

n. a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations

synonym: controller, handler, manipulator

(1) **operator** error, (2) an elevator **operator**

The **operator** of the machine must follow strict safety protocols.

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.

implement

v. to put a decision, plan, or system into effect

synonym: execute, enforce, put through

(1) **implement** a corporate strategy, (2) **implement** security measures

The government promised to **implement** a new system to control the financial crisis.

substantial

adj. fairly large in size, value, or importance

synonym: significant, notable, actual

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

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

reduction

n. a decrease in size, amount, or degree

synonym: diminution, decrease, cutback

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

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

infinity

n. the state or quality of having no end or limit;
(mathematics) a number greater than any natural number

synonym: endlessness, boundlessness, continuity

(1) the **infinity** of the universe, (2) negative **infinity**

That investor saw an **infinity** of possibilities in this company.

industrious

adj. hardworking, diligent, and persistent in effort

synonym: diligent, hardworking, assiduous

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

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

derive

v. to obtain or receive something from a source

synonym: deduce, judge, infer

(1) **derive** a conclusion, (2) **derive** knowledge from books

These English words are **derived** from Latin.

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.

Session 2: Spelling

- | | |
|---------------------------------------|--|
| 1. a no_____it organization | <i>adj.</i> not established for commercial profit |
| 2. or____n of information | <i>n.</i> the first existence or beginning of something |
| 3. a selfish de_____on | <i>n.</i> the act or process of making up someone's mind about something; a choice or judgment reached after considering options |
| 4. e__t a gamma ray | <i>v.</i> to give off or send out something such as light, heat, sound, gas, etc. |
| 5. record driving aut_____lly | <i>adv.</i> without needing a direct human control |
| 6. con_____on rate | <i>n.</i> the act or process of changing something from one thing to another; the state of being changed |
| 7. op_____l for intellectual growth | <i>adj.</i> the best; most likely to be successful or advantageous |
| 8. co_____te closely with the quality | <i>v.</i> to have a connection or relationship in which one thing affects or depends on another |
| 9. con_____on therapy | <i>n.</i> the act or process of changing something from one thing to another; the state of being changed |
| 10. di_____e backgrounds | <i>adj.</i> including numerous categories of individuals or entities; various |
| 11. in_____ce a child's future | <i>n.</i> the ability to affect someone's or something's character, growth, or behavior, or the effect itself |

ANSWERS: 1. nonprofit, 2. origin, 3. decision, 4. emit, 5. automatically, 6. conversion, 7. optimal, 8. correlate, 9. conversion, 10. diverse, 11. influence

12. 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
13. op____ze control for cooling *v.* to make the best or most effective use of something
14. equ_____nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
15. ma_____in good health *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
16. ina_____ble areas *adj.* unable to travel to or reach; not available
17. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
18. ind_____us student *adj.* hardworking, diligent, and persistent in effort
19. r__k amateur *n.* a position in a hierarchy of status or authority; (verb) to take or have a position relative to others
20. a ch____al compound *adj.* relating to or connected with chemistry;
21. 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
22. aut_____lly adjusted *adv.* without needing a direct human control

ANSWERS: 12. brand, 13. optimize, 14. equivalent, 15. maintain, 16. inaccessible, 17. opportune, 18. industrious, 19. rank, 20. chemical, 21. cow, 22. automatically

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|---|---|
| 23. a te_____ue in martial arts | <i>n.</i> a particular way or art of doing something that needs skill |
| 24. ac_____te measurements | <i>adj.</i> correct and exact in all details |
| 25. cal_____on of loss and gain | <i>n.</i> the act or process of using numbers to judge an amount of something |
| 26. com_____ty theory | <i>n.</i> the state or quality of being complicated or intricate and difficult to understand |
| 27. the characters that re_____nt numbers | <i>v.</i> to speak, act, or be present on behalf of another person or group; to form or constitute |
| 28. in_____ce the daily life | <i>n.</i> the ability to affect someone's or something's character, growth, or behavior, or the effect itself |
| 29. sc__e of a project | <i>n.</i> the range of one's perceptions, thoughts, or actions, or a subject that |
| 30. r__y on convenience stores | <i>v.</i> to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed. |
| 31. uns_____red information | <i>adj.</i> not having a clear organization or arrangement |
| 32. ina_____ble to an unauthorized user | <i>adj.</i> unable to travel to or reach; not available |
| 33. long-term le__e | <i>n.</i> a legal document that grants a person or organization the right to use a property, land, or asset for a specified period of time, usually in exchange for rent or a fee; (verb) to rent or let out a property, vehicle, or other assets to someone for a specified period of time in exchange for payment |

ANSWERS: 23. technique, 24. accurate, 25. calculation, 26. complexity, 27. represent, 28. influence, 29. scope, 30. rely, 31. unstructured, 32. inaccessible, 33. lease

34. ge____te more electricity *v.* to produce or create something; to make offspring by reproduction
35. ca____n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
36. ina_____te figures *adj.* not completely correct or exact; not conforming to the truth or a standard
37. de____e knowledge from books *v.* to obtain or receive something from a source
38. cl__k their medals together in celebration *v.* to make a sharp, ringing sound by striking one hard object against another; to make a sound like metal hitting glass
39. critical m__s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
40. im_____nt security measures *v.* to put a decision, plan, or system into effect
41. op_____or error *n.* a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations
42. the piano passages in the com_____on *n.* the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone
43. as nu____us as the sand *adj.* amounting to a large indefinite number

ANSWERS: 34. generate, 35. carbon, 36. inaccurate, 37. derive, 38. clink, 39. mass, 40. implement, 41. operator, 42. composition, 43. numerous

44. ma_____e stars *adj.* enormous amount; very heavy and solid
45. ina_____te measurement *adj.* not completely correct or exact; not conforming to the truth or a standard
46. ce____t a close relationship *v.* make fast as if with cement; (noun) a building material that is a powder made of a mixture of calcined limestone and clay, used with water, sand, and small stones to make concrete
47. re_____e the cardboard boxes *v.* to sort and collect things to process them and produce valuable materials that can be used again
48. mo____n poetry *adj.* of or belonging to the present time or recent times
49. biomass f__l *n.* a substance that is typically burned to generate heat or energy
50. in_____e number *n.* a bill or statement of charges for goods or services provided, typically containing details such as quantity, price, and date of delivery or service
51. 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
52. ge_____te \$100 a month *v.* to produce or create something; to make offspring by reproduction

ANSWERS: 44. massive, 45. inaccurate, 46. cement, 47. recycle, 48. modern, 49. fuel, 50. invoice, 51. process, 52. generate

53. 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.
54. op____ze a process *v.* to make the best or most effective use of something
55. es____te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
56. pa_____er tuning *n.* a numerical or other measurable factors that characterize a system or set of data
57. smokeless f__l *n.* a substance that is typically burned to generate heat or energy
58. reduce my ca____e intake *n.* unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce
59. acc_____te a chemical reaction *v.* to make something faster or earlier; to cause to develop or progress more quickly
60. nu____us countries *adj.* amounting to a large indefinite number
61. a cr____l issue for women *adj.* extremely vital or necessary
62. st_____ng evidence *adj.* attractive and distinctive enough to draw notice; exceedingly appealing, frequently in an odd manner
63. id____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are

ANSWERS: 53. rely, 54. optimize, 55. estimate, 56. parameter, 57. fuel, 58. calorie, 59. accelerate, 60. numerous, 61. crucial, 62. striking, 63. identify

64. mu_____ly 5 and 6 *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
65. tools, hardware, et_____ra *n.* used to indicate that some other unspecified items or things could be included besides those already mentioned; and so on
66. access to public tr_____rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
67. 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
68. re_____nd reading *v.* to suggest that someone or something would be a suitable fit for a particular purpose or role
69. liquid as__ts of the company *n.* something or someone that is useful or valuable quality, skill, etc.; valuable property
70. a precise mea_____nt *n.* the act or process of finding something's size, quantity, or degree
71. pro_____on of civilization *n.* the act or process of changing to the next stage or phase or moving forward
72. a craft un__n *n.* a group of employees who have banded together to advocate for their rights and better their working conditions; the act or the state of joining together or being joined together

ANSWERS: 64. multiply, 65. etcetera, 66. transport, 67. electrify, 68. recommend, 69. asset, 70. measurement, 71. progression, 72. union

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|---|--|
| 73. an indomitable sp___t | <i>n.</i> the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people |
| 74. meetings, appointments, and et___ra | <i>n.</i> used to indicate that some other unspecified items or things could be included besides those already mentioned; and so on |
| 75. a profit ma___n | <i>n.</i> the space around the edge of a page or document; (finance) the net sales minus the cost of goods and services sold |
| 76. the atmospheric tem_____re | <i>n.</i> the degree of hotness or coldness of a thing or place |
| 77. mu_____ly about hundredfold | <i>v.</i> to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity |
| 78. bo__d up a staircase | <i>v.</i> to move forward by leaps and bounds; to form the boundary of something |
| 79. a sub_____al amount of capital | <i>adj.</i> fairly large in size, value, or importance |
| 80. e__t air pollution | <i>v.</i> to give off or send out something such as light, heat, sound, gas, etc. |
| 81. ce___t blend | <i>v.</i> make fast as if with cement; (noun) a building material that is a powder made of a mixture of calcined limestone and clay, used with water, sand, and small stones to make concrete |

ANSWERS: 73. spirit, 74. etcetera, 75. margin, 76. temperature, 77. multiply, 78. bound, 79. substantial, 80. emit, 81. cement

82. ma___n error *n.* the space around the edge of a page or document; (finance) the net sales minus the cost of goods and services sold
83. ro__h and tough *adj.* not quite exact or correct; having or caused by an irregular surface
84. di_____se a vulnerability *v.* to make something, such as secret or new information, known publicly
85. global em_____ons of greenhouse gases *n.* the act of production or sending out gas, heat, light, etc.
86. an image se____r *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
87. in_____te both businesses *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
88. negative in_____ty *n.* the state or quality of having no end or limit; (mathematics) a number greater than any natural number
89. ma_____in order *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
90. field of artificial int_____nce *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
91. the ba_____e of power *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away

ANSWERS: 82. margin, 83. rough, 84. disclose, 85. emission, 86. sensor, 87. integrate, 88. infinity, 89. maintain, 90. intelligence, 91. balance

92. commercial le__e *n.* a legal document that grants a person or organization the right to use a property, land, or asset for a specified period of time, usually in exchange for rent or a fee; (verb) to rent or let out a property, vehicle, or other assets to someone for a specified period of time in exchange for payment
93. cr____l information *adj.* extremely vital or necessary
94. a gr____ar medicine *adj.* consisting of or resembling small grains or particles; having a rough, irregular texture or appearance
95. cognitive com____ty *n.* the state or quality of being complicated or intricate and difficult to understand
96. the te____ue applied to construction *n.* a particular way or art of doing something that needs skill
97. the em____on of light *n.* the act of production or sending out gas, heat, light, etc.
98. fairly ty____l symptoms *adj.* having the usual characteristics or traits of a specific group of things
99. build ope____al excellence *adj.* relating to a particular process or series of actions for achieving a result
100. high r__k *n.* a position in a hierarchy of status or authority; (verb) to take or have a position relative to others
101. soy sa__e *n.* a liquid or semi-solid food served on or used in preparing other foods
102. id____fy handwriting *v.* to recognize someone or something and say or prove who or what they are

ANSWERS: 92. lease, 93. crucial, 94. granular, 95. complexity, 96. technique, 97. emission, 98. typical, 99. operational, 100. rank, 101. sauce, 102. identify

103. unpaid in_____e *n.* a bill or statement of charges for goods or services provided, typically containing details such as quantity, price, and date of delivery or service
104. a public cor_____on *n.* a large company or group of companies that are controlled together by law as a single unit
105. a period of ro_____on *n.* the action or process of moving in a circle around an axis or center
106. es_____te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
107. have broad sc___e *n.* the range of one's perceptions, thoughts, or actions, or a subject that
108. cl__k ice cubes *v.* to make a sharp, ringing sound by striking one hard object against another; to make a sound like metal hitting glass
109. cor_____on assets *n.* a large company or group of companies that are controlled together by law as a single unit
110. high imp_____ce *n.* the quality of being important and worthy of note
111. bl__d to the beauties *adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
112. an in_____le asset *adj.* impossible or nearly impossible to see
113. frozen as__ts *n.* something or someone that is useful or valuable quality, skill, etc.; valuable property

ANSWERS: 103. invoice, 104. corporation, 105. rotation, 106. estimate, 107. scope, 108. clink, 109. corporation, 110. importance, 111. blind, 112. invisible, 113. asset

114. job ro____on *n.* the action or process of moving in a circle around an axis or center
115. ca_____te his credit score *v.* to judge or find out the amount or number of something by using mathematics
116. motion se____r lighting *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
117. au_____ed way *adj.* carried out by machines or computers to replace or decrease human labor
118. a flavorful sa__e *n.* a liquid or semi-solid food served on or used in preparing other foods
119. co_____te to the size *v.* to have a connection or relationship in which one thing affects or depends on another
120. a man of imp_____ce *n.* the quality of being important and worthy of note
121. age com_____on of the population *n.* the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone
122. ca_____te the distance *v.* to judge or find out the amount or number of something by using mathematics
123. introduce ope_____al software *adj.* relating to a particular process or series of actions for achieving a result
124. de___e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

ANSWERS: 114. rotation, 115. calculate, 116. sensor, 117. automated, 118. sauce, 119. correlate, 120. importance, 121. composition, 122. calculate, 123. operational, 124. degree

125. the ul____te luxury *adj.* furthest or highest in degree or order
126. compound the ing____nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
127. tr____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
128. co____te examples *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
129. 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
130. customer with inc____te credit histories *adj.* not having all the necessary or appropriate parts; not yet finished
131. supply ch__n *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
132. an elevator op____or *n.* a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations
133. ma____e amounts *adj.* enormous amount; very heavy and solid
134. bachelor's de___e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

ANSWERS: 125. ultimate, 126. ingredient, 127. transport, 128. concrete, 129. brand, 130. incomplete, 131. chain, 132. operator, 133. massive, 134. degree

135. co_____e electricity *v.* to spend something, especially fuel, energy, or time, in a large amount
136. ex_____e the issue *v.* to study or consider a person or object attentively and thoroughly to learn something about them
137. co_____e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
138. in_____te into the existing system *v.* to combine one thing with another so that they form a whole or work together; to accept equal participation for members of all races and ethnic groups
139. 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
140. st_____ng innovation *adj.* attractive and distinctive enough to draw notice; exceedingly appealing, frequently in an odd manner
141. 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
142. unintended con_____ces *n.* the outcome of a particular action or event, especially relative to an individual
143. asset on the company's ba_____e sheet *n.* a condition in which everything has the same weight or force; something left after other parts have been taken away

ANSWERS: 135. consume, 136. examine, 137. consume, 138. integrate, 139. electrify, 140. striking, 141. process, 142. consequence, 143. balance

144. acc_____te the car *v.* to make something faster or earlier; to cause to develop or progress more quickly
145. the in_____ty of the universe *n.* the state or quality of having no end or limit; (mathematics) a number greater than any natural number
146. an int_____nce test *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
147. apply AI technology to art *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
148. ch__n reaction *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
149. effects of cl_____e change *n.* the weather in a particular location averaged over some long period
150. equ_____nt amounts *n.* having the same value, quality, meaning, purpose, etc.
151. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
152. provide ac_____te information *adj.* correct and exact in all details
153. a cold cl_____e *n.* the weather in a particular location averaged over some long period

ANSWERS: 144. accelerate, 145. infinity, 146. intelligence, 147. AI, 148. chain, 149. climate, 150. equivalent, 151. industrious, 152. accurate, 153. climate

154. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
155. re_____on strategy *n.* a decrease in size, amount, or degree
156. gr_____ar data *adj.* consisting of or resembling small grains or particles; having a rough, irregular texture or appearance
157. ro__h estimation *adj.* not quite exact or correct; having or caused by an irregular surface
158. ty_____l leader *adj.* having the usual characteristics or traits of a specific group of things
159. pa_____er estimation *n.* a numerical or other measurable factors that characterize a system or set of data
160. achieve op_____l health *adj.* the best; most likely to be successful or advantageous
161. ca____n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
162. racial or____n *n.* the first existence or beginning of something
163. ex_____e the data studiously *v.* to study or consider a person or object attentively and thoroughly to learn something about them
164. research met_____gy *n.* a set of ways or principles of doing, teaching, or studying something
165. have a sub_____al meal *adj.* fairly large in size, value, or importance
166. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward

ANSWERS: 154. represent, 155. reduction, 156. granular, 157. rough, 158. typical, 159. parameter, 160. optimal, 161. carbon, 162. origin, 163. examine, 164. methodology, 165. substantial, 166. progression

167. around the gl__e *n.* the earth or world, mainly used to emphasize its vastness
168. a cell phone with an internet fa____ty *n.* a building or place that provides a particular service or is used for a particular industry
169. secret ing_____nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
170. de___e a conclusion *v.* to obtain or receive something from a source
171. sp___t and the letter of the law *n.* the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people
172. met_____gy for optimizing *n.* a set of ways or principles of doing, teaching, or studying something
173. AI expert *n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
174. 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

ANSWERS: 167. globe, 168. facility, 169. ingredient, 170. derive, 171. spirit, 172. methodology, 173. AI, 174. cow

175. bank and credit un__ns *n.* a group of employees who have banded together to advocate for their rights and better their working conditions; the act or the state of joining together or being joined together
176. fa____ty design *n.* a building or place that provides a particular service or is used for a particular industry
177. in____le stars *adj.* impossible or nearly impossible to see
178. re____e milk packaging into new paper *v.* to sort and collect things to process them and produce valuable materials that can be used again
179. no____it agency *adj.* not established for commercial profit
180. pre-mo____n agricultural society *adj.* of or belonging to the present time or recent times
181. extreme tem____res *n.* the degree of hotness or coldness of a thing or place
182. the ri__r of the law *n.* strictness or severity in opinion, temper, or judgment
183. a m__s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
184. toxic ch____als *adj.* relating to or connected with chemistry;
185. on____e restaurant *adj.* located, situated, or taking place at the same site or place as another specified activity or event; at the location where work or a project is being done or where a service is being provided

ANSWERS: 175. union, 176. facility, 177. invisible, 178. recycle, 179. nonprofit, 180. modern, 181. temperature, 182. rigor, 183. mass, 184. chemical, 185. on-site

186. on_____e parking *adj.* located, situated, or taking place at the same site or place as another specified activity or event; at the location where work or a project is being done or where a service is being provided
187. exotic plants in a gre_____se *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
188. chest mea_____nt *n.* the act or process of finding something's size, quantity, or degree
189. en_____us amount *adj.* extremely large or great
190. emissions of gre_____se gases *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
191. make a cal_____on *n.* the act or process of using numbers to judge an amount of something
192. ca_____e calculation *n.* unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce
193. art_____al flowers *adj.* not natural and made by human beings; not real but produced to resemble something
194. academic ri__r *n.* strictness or severity in opinion, temper, or judgment
195. bo__ded with delight *v.* to move forward by leaps and bounds; to form the boundary of something

ANSWERS: 186. on-site, 187. greenhouse, 188. measurement, 189. enormous, 190. greenhouse, 191. calculation, 192. calorie, 193. artificial, 194. rigor, 195. bound

196. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
197. re_____nd a hospitalization *v.* to suggest that someone or something would be a suitable fit for a particular purpose or role
198. the con_____ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual
199. si_____te climate change *v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
200. au_____ed manual transmission *adj.* carried out by machines or computers to replace or decrease human labor
201. sus_____le alternative fuel *adj.* able to continue or be continued for a long time
202. inc_____te information *adj.* not having all the necessary or appropriate parts; not yet finished
203. a gradual re_____on *n.* a decrease in size, amount, or degree
204. art_____al environment *adj.* not natural and made by human beings; not real but produced to resemble something
205. the ul_____te goal in life *adj.* furthest or highest in degree or order
206. en_____us potential *adj.* extremely large or great
207. de_____on authority *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options

ANSWERS: 196. environment, 197. recommend, 198. consequence, 199. simulate, 200. automated, 201. sustainable, 202. incomplete, 203. reduction, 204. artificial, 205. ultimate, 206. enormous, 207. decision

208. a co_____te noun *adj.* existing in a physical or material form rather than an abstract one; based on facts rather than ideas or guesses; made of or covered with cement
209. terrestrial gl__e *n.* the earth or world, mainly used to emphasize its vastness
210. di_____se a secret *v.* to make something, such as secret or new information, known publicly
211. principles of sus_____le development *adj.* able to continue or be continued for a long time
212. uns_____red text *adj.* not having a clear organization or arrangement
213. bl__d spot *adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
214. im_____nt a corporate strategy *v.* to put a decision, plan, or system into effect
215. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
216. si_____te a future scenario *v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
217. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
218. a person of di_____e talents *adj.* including numerous categories of individuals or entities; various

ANSWERS: 208. concrete, 209. globe, 210. disclose, 211. sustainable, 212. unstructured, 213. blind, 214. implement, 215. opportune, 216. simulate, 217. environment, 218. diverse

ANSWERS:

Session 3: Fill in the Blanks

1. During the unloading, the container box _____ a clicking sound.
v. to give off or send out something such as light, heat, sound, gas, etc.
2. The former emperor had a particular _____ even after he abdicated.
n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself
3. 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
4. He was known to be very _____ and would often work late into the night.
adj. hardworking, diligent, and persistent in effort
5. The landlord offered me a one-year _____ for the apartment.
n. a legal document that grants a person or organization the right to use a property, land, or asset for a specified period of time, usually in exchange for rent or a fee; (verb) to rent or let out a property, vehicle, or other assets to someone for a specified period of time in exchange for payment
6. The essence of economics is to _____ the allocation of limited resources.
v. to make the best or most effective use of something
7. Our law firm also focuses on _____ activities.
adj. not established for commercial profit

ANSWERS: 1. emits, 2. influence, 3. process, 4. industrious, 5. lease, 6. optimize, 7. nonprofit

8. In terms of _____ he was head and shoulders above his classmates.
n. the ability to learn, comprehend, or make judgments or conclusions based on reasons
9. He couldn't _____ the actual value of the artwork.
v. to judge or find out the amount or number of something by using mathematics
10. There are various hypotheses concerning the _____ of life.
n. the first existence or beginning of something
11. A sense of humor is an invaluable _____ in this job.
n. something or someone that is useful or valuable quality, skill, etc.; valuable property
12. The official transcript contains _____ academic records.
adj. correct and exact in all details
13. The company has made great strides in its _____ toward sustainability.
n. the act or process of changing to the next stage or phase or moving forward
14. We are developing a new _____ for assessing marketing measures.
n. a set of ways or principles of doing, teaching, or studying something
15. I stopped by the branch though I have no business of _____.
n. the quality of being important and worthy of note
16. The _____ error of this industrial machine is less than one micrometer.
n. the act or process of finding something's size, quantity, or degree

ANSWERS: 8. intelligence, 9. calculate, 10. origin, 11. asset, 12. accurate, 13. progression, 14. methodology, 15. importance, 16. measurement

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

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

18. The construction team set up an _____ office to manage the building project.

adj. located, situated, or taking place at the same site or place as another specified activity or event; at the location where work or a project is being done or where a service is being provided

19. The phenomenon is _____ at optical wavelengths.

adj. impossible or nearly impossible to see

20. This artwork is _____ of her work.

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

21. The _____ data took a lot of work to analyze and interpret.

adj. not having a clear organization or arrangement

22. That investor saw an _____ of possibilities in this company.

n. the state or quality of having no end or limit; (mathematics) a number greater than any natural number

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

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

24. 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

ANSWERS: 17. balance, 18. on-site, 19. invisible, 20. typical, 21. unstructured, 22. infinity, 23. integrate, 24. automated

25. The _____ effect is a phenomenon that happens naturally.
- n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
26. 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
27. The museum contains a variety of artifacts, from ancient pottery to medieval armor, _____.
- n.* used to indicate that some other unspecified items or things could be included besides those already mentioned; and so on
28. His final goal is to sail around the _____.
- n.* the earth or world, mainly used to emphasize its vastness
29. The machine should be _____ by Friday afternoon.
- adj.* relating to a particular process or series of actions for achieving a result
30. The _____ of the Earth causes day and night.
- n.* the action or process of moving in a circle around an axis or center
31. 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
32. The error in the _____ was attributable to rounding.
- n.* the act or process of using numbers to judge an amount of something

ANSWERS: 25. greenhouse, 26. brand, 27. etcetera, 28. globe, 29. operational, 30. rotation, 31. electrify, 32. calculation

33. 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.

34. 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

35. They are eager to _____ a positive reputation.

- v. make fast as if with cement; (noun) a building material that is a powder made of a mixture of calcined limestone and clay, used with water, sand, and small stones to make concrete

36. Enhanced rail _____ is crucial for our business.

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

37. The economic stimulation program would _____ a lot of new jobs.

- v. to produce or create something; to make offspring by reproduction

38. The firm has grown into a large _____ manufacturing.

- adj. relating to or connected with chemistry;

39. Canada _____ on the United States.

- v. to move forward by leaps and bounds; to form the boundary of something

40. We elected him to _____ us at the international conference.

- v. to speak, act, or be present on behalf of another person or group; to form or constitute

ANSWERS: 33. rely, 34. chain, 35. cement, 36. transportation, 37. generate, 38. chemical, 39. bounds, 40. represent

41. She received her _____ in psychology from the university.
- n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
42. The _____ in carbon emissions has been significant since the implementation of the new policy.
- n.* a decrease in size, amount, or degree
43. We largely _____ the circuit board of cell phones because they contain a lot of valuable metals.
- v.* to sort and collect things to process them and produce valuable materials that can be used again
44. Their innovative concepts were consistent across their bodies of _____.
- n.* the different parts of something's elements or ingredients; the way in which the different components are organized; a piece of music written by someone
45. The pandemic was a _____ business opportunity for certain companies.
- adj.* fairly large in size, value, or importance
46. Despite their tragic loss, the family is showing great _____.
- n.* the part of a person which is the seat of their mind, feelings, and character rather than their physical body; the general atmosphere of a place or situation and the effect that it has on people
47. _____ a number by itself twice.
- v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
48. Greed is the primary _____ in the making of criminals.
- n.* one of the things used to make something, especially one of the foods used to make a particular dish

ANSWERS: 41. degree, 42. reduction, 43. recycle, 44. composition, 45. substantial, 46. spirit, 47. Multiply, 48. ingredient

49. The president asked for a more _____ plan.

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

50. Jockey's superior _____ brought him victory.

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

51. The researcher criticized the study due to _____ data.

adj. not having all the necessary or appropriate parts; not yet finished

52. Heavy snow made it _____ to go to the mountain village.

adj. unable to travel to or reach; not available

53. These descriptions are based on a number of _____ assumptions.

adj. amounting to a large indefinite number

54. She was struggling to make a _____ between two job offers.

n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options

55. I need to _____ my car regularly to prevent any major mechanical issues.

v. to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

56. Shakespeare's output of poetry was _____.

adj. extremely large or great

57. The vehicle bounced along the _____ mountain road.

adj. not quite exact or correct; having or caused by an irregular surface

ANSWERS: 49. concrete, 50. technique, 51. incomplete, 52. inaccessible, 53. numerous, 54. decision, 55. maintain, 56. enormous, 57. rough

58. 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

59. The pasta dish was served with a rich tomato _____.

n. a liquid or semi-solid food served on or used in preparing other foods

60. Our subscription plan is _____ renewed.

adv. without needing a direct human control

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

adj. extremely vital or necessary

62. 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

63. The _____ of human thought is diverse.

n. the range of one's perceptions, thoughts, or actions, or a subject that

64. He was promoted to the _____ of captain in the military.

n. a position in a hierarchy of status or authority; (verb) to take or have a position relative to others

65. Wild animals need to go forward with the _____ action to survive.

adj. the best; most likely to be successful or advantageous

66. A smaller car will _____ less fuel.

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

ANSWERS: 58. cows, 59. sauce, 60. automatically, 61. crucial, 62. identify, 63. scope, 64. rank, 65. optimal, 66. consume

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

adj. enormous amount; very heavy and solid

68. Management must take _____ responsibility for the accident.

adj. furthest or highest in degree or order

69. He had painted the wood to _____ stone.

v. to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes

70. Trees absorb _____ dioxide and give off oxygen.

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

71. Unfortunately, the book's _____ was too small to make notes.

n. the space around the edge of a page or document; (finance) the net sales minus the cost of goods and services sold

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

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

73. Their headquarters are in a _____ skyscraper.

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

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

adj. including numerous categories of individuals or entities; various

75. The phone rang at the most _____ time.

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

ANSWERS: 67. massive, 68. ultimate, 69. simulate, 70. carbon, 71. margin, 72. emissions, 73. modern, 74. diverse, 75. opportune

76. The bartender used a spoon to _____ against the glass to signal that it was the last call.

- v.* to make a sharp, ringing sound by striking one hard object against another; to make a sound like metal hitting glass

77. The temperature range was one of the critical _____ we had to consider when designing the experiment.

- n.* a numerical or other measurable factors that characterize a system or set of data

78. The two plays have many _____ parallels.

- adj.* attractive and distinctive enough to draw notice; exceedingly appealing, frequently in an odd manner

79. When the dead body was found, _____ mortis had already begun.

- n.* strictness or severity in opinion, temper, or judgment

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

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

81. The curtain rose to _____ a fantastic set.

- v.* to make something, such as secret or new information, known publicly

82. Four companies were amalgamated into a single _____.

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

83. The developer's _____ of the old factory into a modern loft apartment complex was a major success.

- n.* the act or process of changing something from one thing to another; the state of being changed

ANSWERS: 76. clink, 77. parameters, 78. striking, 79. rigor, 80. Climate, 81. disclose, 82. corporation, 83. conversion

84. The _____ of people who do not own property is politically impotent.
- n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
85. The trade _____ remained adamant about its demands.
- n.* a group of employees who have banded together to advocate for their rights and better their working conditions; the act or the state of joining together or being joined together
86. The government should do more to support environmentally _____ agriculture.
- adj.* able to continue or be continued for a long time
87. The _____ intelligence system has revolutionized the way we live and work.
- adj.* not natural and made by human beings; not real but produced to resemble something
88. The _____ for the new product shipment arrived in the mail today.
- n.* a bill or statement of charges for goods or services provided, typically containing details such as quantity, price, and date of delivery or service
89. These economic activities had disastrous environmental _____.
- n.* the outcome of a particular action or event, especially relative to an individual
90. The government promised to _____ a new system to control the financial crisis.
- v.* to put a decision, plan, or system into effect
91. Cities around the world set records for highest _____ this summer.
- n.* the degree of hotness or coldness of a thing or place

ANSWERS: 84. mass, 85. union, 86. sustainable, 87. artificial, 88. invoice, 89. consequences, 90. implement, 91. temperatures

92. This company has an entire recycling _____ including major reprocessing plants.
- n.* a building or place that provides a particular service or is used for a particular industry
93. Every human is responsible for taking care of the Earth's _____.
- n.* the natural world such as air, water, and land in which humans, animals, and plants live
94. This automatic door could no longer be opened due to a _____ failure.
- n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
95. Initially, we must _____ all project-related expenses.
- v.* to study or consider a person or object attentively and thoroughly to learn something about them
96. The information in the report was found to be _____ so it had to be corrected before it was published.
- adj.* not completely correct or exact; not conforming to the truth or a standard
97. We _____ the season's total trade deficit at \$50 billion.
- v.* to guess or calculate the cost, size, value, etc. of something
98. The _____ scarcity most severely impacted the manufacturing sector
- n.* a substance that is typically burned to generate heat or energy
99. We may frequently _____ age with the frequency of disease.
- v.* to have a connection or relationship in which one thing affects or depends on another

ANSWERS: 92. facility, 93. environment, 94. sensor, 95. examine, 96. inaccurate, 97. estimated, 98. fuel, 99. correlate

100. The _____ of the machine must follow strict safety protocols.
n. a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations
101. The soil had a _____ texture, making it easy to plant the seeds.
adj. consisting of or resembling small grains or particles; having a rough, irregular texture or appearance
102. The government tried to _____ the commercialization of this development.
v. to make something faster or earlier; to cause to develop or progress more quickly
103. It would be best if you burned off _____ through vigorous exercise.
n. unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce
104. We _____ taking media training every six months.
v. to suggest that someone or something would be a suitable fit for a particular purpose or role
105. She was nearly _____ due to severe diabetes.
adj. unable to see; unable or unwilling to perceive or understand the true nature of something
106. The European Central Bank is Europe's _____ of the Federal Reserve.
n. having the same value, quality, meaning, purpose, etc.
107. These English words are _____ from Latin.
v. to obtain or receive something from a source

ANSWERS: 100. operator, 101. granular, 102. accelerate, 103. calories, 104. recommend, 105. blind, 106. equivalent, 107. derived

108. The evolution of processors has dramatically improved the performance of ____.
- n.* (abbreviation for artificial intelligence) the theory and development of computer systems capable of doing activities that would ordinarily need human intelligence, such as object recognition, speech recognition, decision-making, and language translation
109. 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

ANSWERS: 108. AI, 109. complexity