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Dan Berkenstock: The world is one big dataset. Now, how to photograph it ... | TED Talk

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

All Words

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Session 1: Word List

ph

n. a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity

synonym: acidity, alkalinity, balance

(1) **pH** value of seven, (2) **ph** scale

The **ph** level of this soil is too acidic for these types of plants.

supercomputer

n. a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing

synonym: high-performance computer, mainframe, giant computer

(1) **supercomputer** performance, (2) **supercomputer** technology

China has developed one of the world's fastest **supercomputers** for its space program.

generation

n. all the people born and living at about the same time, regarded collectively; the production of heat or electricity

synonym: cohort, age group, era

(1) **generation** gap, (2) the **generation** of electricity

The younger **generation** has different values and beliefs than

the older one.

spacecraft

n. a vehicle designed to travel through space, typically carrying astronauts or scientific instruments

synonym: spaceship, satellite, probe

(1) **spacecraft** launch, (2) alien **spacecraft**

The human-crewed **spacecraft** successfully landed on the moon, fulfilling its mission.

smuggle

v. to import or export something or someone without paying appropriate customs duties, often illegally

(1) **smuggle** drugs, (2) **smuggle** herself out of a country

He was able to **smuggle** a gun inside the prison.

sensitive

adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do

synonym: exposed, susceptible, keen

(1) **sensitive** documents, (2) baby with **sensitive** skin

The teacher is very **sensitive** to children's feelings.

nuclear

adj. of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

synonym: atomic

(1) **nuclear** fusion, (2) use of **nuclear** power

Many countries have now agreed to a treaty banning the use of **nuclear** weapons.

analyze

v. to think about in-depth and evaluate to discover essential features or meaning

synonym: explore, examine, investigate

(1) **analyze** a chemical compound, (2) **analyze** your real motives

The teacher attempted to **analyze** the root cause of our mistake.

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.

industrial

adj. of or relating to or resulting from industry

synonym : manufacturing, mechanical

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

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

canvas

n. the heavy, closely woven fabric used for making tents, sails, etc. and by artists for painting on

(1) blank **canvas**, (2) oil on **canvas**

Life is a vast **canvas**; you should put as much paint on it as possible.

locate

v. to specify or determine the exact position of someone or something

synonym : discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

satellite

n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

synonym : orbiter, asteroid, moon

(1) a GPS **satellite**, (2) a meteorological **satellite**

Launching an artificial **satellite** contributed to the technological development of our country.

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.

imagery

n. the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events

synonym : metaphors, symbolism, imaging

(1) visual **imagery**, (2) satellite **imagery**

This movie is famous for its romantic **imagery**.

hop

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

synonym : jump, bounce, skip

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

The rabbit **hopped** over the fence.

relative

adj. considered and evaluated through comparison with something else

synonym : comparative, proximate, congeneric

(1) a remote **relative**, (2) **relative** factors

Most countries prohibit sexual activity between certain close **relatives**.

relevance

n. the state or degree of being closely connected or appropriate to the matter at hand

synonym : pertinence, applicability, connection

(1) have no **relevance**, (2) **relevance** category

The **relevance** of this information to the current situation needs to be investigated.

intrigue

v. to make someone interested, especially by being strange, unusual, or mysterious; to make a secret plan with other people to harm someone

synonym : attract, captivate, charm

(1) **intrigue** him, (2) **intrigue** against his rival
The artist's innovative style of work **intrigues** me.

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.

surrounding

adj. that is near or around, or closely encircling something

synonym: circumferent, encircling, neighboring

(1) **surrounding** areas, (2) a fence **surrounding** a castle
The **surrounding** mountains make the city difficult to be invaded.

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.

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.

government

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

synonym: administration, regime, state

(1) **government** bureaucracy, (2) **government** funding
The federal **government** is planning to increase taxes for the next fiscal year.

reconnaissance

n. a preliminary survey or exploration of an area, usually done to gather information or intelligence; a military mission to observe an enemy's activities and gather information

synonym: exploration, survey, examination

(1) aerial **reconnaissance**, (2) do **reconnaissance** work
The **reconnaissance** mission revealed the enemy's position.

grandchild

n. a child of someone's son or daughter

synonym: offspring, descendant, progeny

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

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

vast

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

synonym: expansive, extended, boundless

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

A **vast** audience viewed the broadcast.

rocket

n. a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon

synonym: projectile, missile

(1) **rocket** attack against the enemy, (2) **rocket** fuel

The **rocket** launch platform is visible from this hill.

tremendous

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

synonym: enormous, giant, immense

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

We had a **tremendous** time yesterday.

infrequent

adj. occurring rarely or irregularly; happening at long intervals; not happening often or in large numbers

synonym: rare, sporadic, uncommon

(1) **infrequent** showers, (2) **infrequent** meetings

Traveling to remote villages can be difficult due to **infrequent** transportation.

cram

v. to force or try to fit a large amount of information into a short time, especially in preparation for an examination; to force or try to fit a large amount of something into a small space

synonym : stuff, pack, jam

(1) **cram** more circuits into chips, (2) **cram** five people into a car

She had to **cram** for the final exam and stayed up all night studying.

functional

adj. designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

synonym : applicable, practical, usable

(1) field of **functional** medicine, (2) **functional** deafness

The mobile phone was still **functional** even after being dropped.

anecdotal

adj. based on personal accounts or stories that may not be verifiable or representative of a larger population; characterized by anecdotes or casual observations rather than scientific data or empirical evidence

synonym : hearsay, informal, unreliable

(1) **anecdotal** evidence, (2) **anecdotal** example

My friend shared an **anecdotal** story about her experience in customer service.

visualize

v. to form a mental image or concept of something; to make something visible

synonym : imagine, picture, envision

(1) **visualize** data, (2) **visualize** flying through space

She tried to **visualize** the layout of the new house in her mind.

sparsely

adv. occurring, existing, or situated at wide intervals; in a scattered or thinly populated manner; with a low density or concentration

synonym : rarely, thinly

(1) **sparsely** attended, (2) **sparsely** decorated

The town was **sparsely** populated, with only a few houses scattered around the area.

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.

dataset

n. a structured collection of data that is compiled and processed in a computer system or program, typically for analysis, research, or machine learning purposes

synonym : data array, database

(1) **dataset** analysis, (2) publicly available **dataset**

The scientist analyzed the large **dataset** to conclude the experiment.

frequent

adj. happening constantly

synonym : periodic, recurring, routine

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

His heartaches are less **frequent** now.

quarter

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

synonym : fourth, one-fourth

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

The unemployment rate in the first **quarter** was 2.3 percentage points higher than in the previous.

aerospace

adj. pertaining to the design, engineering, science, and technology related to the Earth's atmosphere and the exploration or use of space beyond it

synonym: aeronautical, space, aviation

(1) **aerospace** engineering, (2) **aerospace** and defense industry

NASA is an **aerospace** organization that explores space and improves aviation technology.

grad

n. (informal for graduate) a student who has recently graduated or is about to graduate from a school, college, or university

synonym: graduate, alumnus, alumni

(1) high school **grad**, (2) **grad** student

He was proud to be a **grad** of the prestigious university.

chart

n. a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea

synonym: diagram, graph, map

(1) a weather **chart**, (2) a statistical **chart**

This pie **chart** represents our market share.

doe

n. a mature female of mammals of which the male is called a buck, such as a deer or a rabbit

synonym: rabbit, bunny, hare

(1) **doe** rabbit, (2) buck and **doe**

Hunters use a whistle that makes the **doe** sound to lure stags.

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.

jumbo

n. an extremely large or heavy object; an African elephant that was exhibited in a circus in the late 19th century and early 20th century and became widely known as "Jumbo"

synonym : elephantine, mammoth, giant

(1) **jumbo** jet, (2) **jumbo** shrimp

I need to buy a **jumbo-sized** bag of dog food for my large-breed puppy.

jet

n. a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances

synonym : plane, aircraft, flier

(1) private **jet**, (2) commercial **jet**

The **jet** flew over the ocean at high speed, reaching its destination in hours.

crazy

adj. stupid or not sensible; very angry

synonym : insane, absurd, bizarre

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

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

fortunate

adj. having good luck or lucky

synonym : fortuitous, lucky, blessed

(1) **fortunate** situation, (2) less **fortunate** person

He was pretty **fortunate** to pass the exam.

propose

v. to make a proposal, declare a plan for something

synonym : suggest, offer, recommend

(1) **propose** the amendment, (2) **propose** changes

I want to **propose** a toast in honor of our longstanding relationship.

concept

n. an idea or principle associated with something abstract

synonym : idea, notion, vision

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

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

hitchhike

v. to obtain a ride in a passing vehicle by signaling to the driver or waving one's thumb; to travel by getting a free

ride in someone else's vehicle

synonym: thumb a ride, bum a ride

(1) **hitchhike** a ride, (2) **hitchhike** across the country

She had to **hitchhike** to the nearest gas station when her car broke down.

suddenly

adv. quickly and unexpectedly

synonym: abruptly, unexpectedly, unawares

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

Who answers **suddenly** knows little.

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.

experiment

n. the scientific test conducted to observe what happens and gain new knowledge

synonym: experimentation, investigation

(1) **experiment** design, (2) series of **experiments**

His **experiments** showed highly positive results.

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.

electronics

n. the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems

synonym: technology, gadgets, circuitry

(1) **electronics** industry, (2) **electronics** store

The company specializes in manufacturing and selling cutting-edge **electronics**.

obtain

v. to get something, especially by making a great effort
synonym: accept, acquire, receive

(1) **obtain** a license, (2) **obtain** a bid

Where can I **obtain** the application form?

sketch

n. a simple, quickly-made picture that does not have many details; a short descriptive summary of something

synonym: drawing, outline, blueprint

(1) a penciled **sketch**, (2) first design **sketches**

Yesterday, I created a rough **sketch** of the plan.

specific

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

synonym: particular, definite, distinct

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

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

conscious

adj. being aware of and able to respond to what is happening around you

synonym: aware, cognizant, deliberate

(1) **conscious** effort, (2) **conscious** of having succeeded

He became **conscious** that he was being followed.

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.

capture

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

synonym: catch, arrest, imprison

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

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

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.

unearth

v. to discover or bring to light something that is in the ground or was previously hidden or unknown

synonym: discover, uncover, expose

(1) **unearth** burial mound, (2) **unearth** a mystery

The detective **unearthed** a critical clue that led to the suspect's arrest.

boring

adj. lacking interest or excitement; tedious or dull

synonym: dull, tedious, monotonous

(1) **boring** work, (2) **boring** day

The lecture was so **boring** that many people fell asleep.

cramped

adj. not having enough space for the people in it; uncomfortably small or restricted

synonym: congested, overcrowded, narrow

(1) feel **cramped**, (2) a **cramped** house

She writes a **cramped** hand.

alto

n. the second-highest vocal range in choral music, typically sung by the second-highest singers in a choir; a type of saxophone

synonym: contralto, countertenor, soprano

(1) **alto** saxophone, (2) an **alto** solo

The **alto** singer had a unique and powerful voice.

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**.

tackle *v.* to try to deal with a complex problem or situation
synonym: deal with, dive into, work on
(1) **tackle** the issue, (2) help **tackle** climate change
The government is determined to **tackle** sharp inflation.

physics *n.* the science of matter and energy and their interactions
(1) nuclear **physics**, (2) laws of **physics**
He studied the **physics** of radiation.

dictate *v.* to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded
synonym: read out, prescribe, order
(1) **dictate** a letter to secretary, (2) **dictate** to the associate
The allies **dictated** the terms of surrender to the country.

telescope *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
(1) a binocular **telescope**, (2) look through a **telescope**
This facility has the largest astronomical **telescope** in the country.

function *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
synonym: purpose, mapping, job
(1) **function** properly, (2) immune **function**
The brain is an incredibly complex organ that controls the

body's **function**.

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**.

constrain

v. to restrict or limit someone or something's freedom or ability to do something

synonym: restrict, limit, confine

(1) **constrain** his freedom, (2) **constrain** information flow

The political situation **constrained** the country's economic growth and foreign relations.

volume

n. the amount of space occupied by an object or substance; the magnitude of sound

synonym: capacity, amount, intensity

(1) **volume** of work, (2) high **volume**

This container has a **volume** of 10 cubic meters.

frank

adj. honest and sincere; open and candid in expression

synonym: candid, direct, freehearted

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

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

blur

n. a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision

synonym: smudge, smear, fuzz

(1) **blur** image, (2) motion **blur**

The camera's focus was off, and the image was a **blur** of colors and shapes.

random

adj. made, done, or happening without method, conscious decision, or any regular pattern

synonym: incidental, arbitrary, unanticipated

(1) a **random** choice, (2) bombs fell at **random**
To find drunk drivers, police conduct **random** tests.

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.

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.

trade-off

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

synonym: compromise, balance, exchange

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

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

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.

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.

viable

adj. capable of being done as intended; able to succeed

synonym : feasible, possible, attainable

(1) achieve a **viable** relationship, (2) develop a **viable** therapy

Male gorillas with good drumming skills are more **viable**.

convenient

adj. useful, helpful, or quick to do

synonym : timely, fortunate, suitable

(1) **convenient** way, (2) **convenient** location

The airport offers five **convenient** access routes.

individual

n. a single person or thing, as distinct from a group

synonym : person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

compromise

v. to settle a problem or disagreement by mutual concession

synonym : agree, settle, negotiate

(1) **compromise** the matter, (2) cannot **compromise** anymore

They never **compromised** on development despite the lack of funds.

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.

pickup

n. a type of vehicle with an open-air cargo bed at the back used for transporting goods or equipment; the act of collecting or gathering someone or something from a particular location; a warrant to take someone into custody

synonym: truck, cartridge

(1) **pickup** truck, (2) **pickup** and delivery service

I'll be waiting for you in front of the café at 6 PM, so be on time for our **pickup**.

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.

absolute

adj. perfect or complete or to the most considerable degree possible

synonym: complete, infrangible, indisputable

(1) **absolute** loyalty, (2) an **absolute** must

Gandhi had an **absolute** zeal for nonviolence.

watt

n. a standard unit for measuring electrical power

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

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

bulb

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

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

The light **bulb** has burned out.

tradition

n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

synonym : custom, practice, ritual

(1) a **tradition** of a culture, (2) against **tradition**

It is a **tradition** in many families to have a big Thanksgiving dinner with all their relatives.

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.

traverse

v. to cross or move through a land or water area

synonym : cross, pass through, travel over

(1) **traverse** the region, (2) **traverse** a vast extent of sea
Approximately 1000 automobiles **traverse** the bridge every day.

row

n. an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars

synonym : line, sequence, layer

(1) criminal on death **row**, (2) a **row** of cherry trees

He was the leader of the demonstrators and spoke out against the war in the front **row**.

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**.

awesome

adj. inspiring fear, admiration, or respect; very good, nice, fun, etc.

synonym : miraculous, marvelous, astounding

(1) **awesome** mental faculty, (2) have an **awesome** birthday

There is a lot of **awesome** nature and food in Hawaii.

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.

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.

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.

vision

n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

synonym: sight, image, concept

(1) a prodigious **vision**, (2) telescopic **vision**

Driving is difficult for me because of my poor **vision**.

goggle

v. to look at someone or something with amazement; to look stupidly; (noun, plural) tight-fitting spectacles that are worn to prevent particulates, water, or chemicals from striking the eyes

synonym: gaze, gawk, gape

(1) **goggle** his eyes, (2) infrared **goggles**

The software company bought the VR **goggles** manufacturer.

individually

adv. separately or apart from others

synonym : separately, one by one, independently

(1) answer questions **individually**, (2) **individually** designed product

Each department has done its product costing **individually**.

noisy

adj. making a lot of sounds, especially loud or disruptive sound

synonym : loud, cacophonous, clamorous

(1) **noisy** neighbor, (2) **noisy** party

The construction outside was creating a **noisy** distraction from my work.

frame

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

synonym : body, skeleton, scaffolding

(1) a picture **frame**, (2) the **frame** of the policy

The detective looked for fingerprints on the window **frame**.

recombine

v. to combine or put together again or differently; to cause genetic recombination (= the process by which genetic material is broken and joined to other genetic material)

(1) **recombine** at the surface, (2) ability to **recombine**

Some scientists argue that the genes in food should not be artificially **recombined**.

pixel

n. the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image

synonym : dot, point, picture element

(1) **pixel** density, (2) color **pixels**

The computer screen comprises thousands of tiny **pixels** that create the overall picture.

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.

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.

evolve

v. to develop gradually, or to cause the development of something or someone gradually

synonym : develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade

Eyeless fish **evolved** in dark caves.

prototype

n. a first or preliminary example of something such as a device or vehicle from which other forms are developed

synonym : mock-up, precursor, model

(1) complete a **prototype** product, (2) early **prototype**

The flying car is presently in the **prototype** stage.

configuration

n. the arrangement or pattern of something or a group of related things

synonym : arrangement, composition, formatting

(1) **configuration** of the system, (2) engine **configuration**

The **configuration** of molecules in steel changes significantly with temperature.

blast

n. explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise

synonym : blow, burst, explosion

(1) a **blast** of wind, (2) an icy **blast**

The **blast** shattered the laboratory equipment.

constellation

n. a group of stars that form a recognizable pattern and have a name; a group of related or similar ideas, things, or people

synonym: asterism, array, pattern

(1) the stars of the Scorpion **constellation**, (2) northern **constellation**

Navigators still use the Little Bear **constellation** at sea.

scalable

adj. capable of being easily expanded or increased in size, number, or scale to meet changing demands

synonym: expandable, flexible, adjustable

(1) **scalable** solution, (2) dynamically **scalable**

The company's new software is highly **scalable**, allowing it to handle increasing number of users.

analytics

n. the systematic computational analysis of data or statistics; information resulting from this analysis

synonym: data analysis, statistics

(1) major in **analytics**, (2) **analytics** tools

Advanced **analytics** is helping the business to make better data-driven decisions.

insight

n. the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

synonym: wisdom, discernment, understanding

(1) a profound **insight**, (2) share my **insights**

We gained various **insights** by analyzing the vast amount of data owned by the company.

byte

n. a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code

(1) **byte** code, (2) **byte** array

The computer hard drive had plenty of storage space but was running low on available **bytes**.

transparency

n. the condition or quality of being easy to see through

synonym: clearness, clarity, translucence

(1) lack of **transparency**, (2) **transparency** during the trials

The main discussion topic is government **transparency**.

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**.

frontier

n. a border that separates two countries, or the area near this line

synonym: border, boundary, borderland

(1) **frontier** disputes, (2) the Italian **frontier** with Switzerland

He worked at the **frontier** of behavioral economics.

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.

Session 2: Spelling

- | | |
|-------------------------------|---|
| 1. de___e centigrade | <i>n.</i> a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment |
| 2. telescopic vi___n | <i>n.</i> the ability to think about or see the future with imagination and intelligence; the faculty of being able to see |
| 3. g__d student | <i>n.</i> (informal for graduate) a student who has recently graduated or is about to graduate from a school, college, or university |
| 4. re_____ce category | <i>n.</i> the state or degree of being closely connected or appropriate to the matter at hand |
| 5. co_____in information flow | <i>v.</i> to restrict or limit someone or something's freedom or ability to do something |
| 6. fr_____er disputes | <i>n.</i> a border that separates two countries, or the area near this line |
| 7. in_____ue him | <i>v.</i> to make someone interested, especially by being strange, unusual, or mysterious; to make a secret plan with other people to harm someone |
| 8. racial or___n | <i>n.</i> the first existence or beginning of something |
| 9. visual im_____y | <i>n.</i> the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events |

ANSWERS: 1. degree, 2. vision, 3. grad, 4. relevance, 5. constrain, 6. frontier, 7. intrigue, 8. origin, 9. imagery

- | | |
|---|--|
| 10. com_____ty theory | <i>n.</i> the state or quality of being complicated or intricate and difficult to understand |
| 11. less fo_____te person | <i>adj.</i> having good luck or lucky |
| 12. the te_____ue applied to construction | <i>n.</i> a particular way or art of doing something that needs skill |
| 13. fr___e magnet | <i>n.</i> a piece of electrical equipment in which food can be stored at low temperatures so that it stays fresh |
| 14. aff_____le housing | <i>adj.</i> not expensive and able to pay |
| 15. a ra___m choice | <i>adj.</i> made, done, or happening without method, conscious decision, or any regular pattern |
| 16. the stars of the Scorpion con_____ion | <i>n.</i> a group of stars that form a recognizable pattern and have a name; a group of related or similar ideas, things, or people |
| 17. tra_____ncy during the trials | <i>n.</i> the condition or quality of being easy to see through |
| 18. la___h a big attack | <i>v.</i> 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 |
| 19. fa_____ty design | <i>n.</i> a building or place that provides a particular service or is used for a particular industry |
| 20. di_____e to the associate | <i>v.</i> to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded |

ANSWERS: 10. complexity, 11. fortunate, 12. technique, 13. fridge, 14. affordable, 15. random, 16. constellation, 17. transparency, 18. launch, 19. facility, 20. dictate

21. aw_____e mental faculty *adj.* inspiring fear, admiration, or respect; very good, nice, fun, etc.
22. un___k value *v.* to open something, such as a door, window, etc., usually using a key
23. aff_____le solution *adj.* not expensive and able to pay
24. inf_____nt meetings *adj.* occurring rarely or irregularly; happening at long intervals; not happening often or in large numbers
25. re_____ve factors *adj.* considered and evaluated through comparison with something else
26. motion b___r *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
27. a prodigious vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
28. make a fr___k apology *adj.* honest and sincere; open and candid in expression
29. private j_t *n.* a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances
30. ph scale *n.* a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity
31. hi_____ke across the country *v.* to obtain a ride in a passing vehicle by signaling to the driver or waving one's thumb; to travel by getting a free ride in someone else's vehicle

ANSWERS: 21. awesome, 22. unlock, 23. affordable, 24. infrequent, 25. relative, 26. blur, 27. vision, 28. frank, 29. jet, 30. ph, 31. hitchhike

32. c__m more circuits into chips *v.* to force or try to fit a large amount of information into a short time, especially in preparation for an examination; to force or try to fit a large amount of something into a small space
33. a fence sur_____ng a castle *adj.* that is near or around, or closely encircling something
34. ju__o shrimp *n.* an extremely large or heavy object; an African elephant that was exhibited in a circus in the late 19th century and early 20th century and became widely known as "Jumbo"
35. con_____nt location *adj.* useful, helpful, or quick to do
36. gra_____ld development *n.* a child of someone's son or daughter
37. ind_____lly designed product *adv.* separately or apart from others
38. early pr_____pe *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
39. lack of tra_____ncy *n.* the condition or quality of being easy to see through
40. or___n of information *n.* the first existence or beginning of something
41. 30-w__t light bulb *n.* a standard unit for measuring electrical power
42. se_____ve documents *adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do

ANSWERS: 32. cram, 33. surrounding, 34. jumbo, 35. convenient, 36. grandchild, 37. individually, 38. prototype, 39. transparency, 40. origin, 41. watt, 42. sensitive

43. fr____nt absence *adj.* happening constantly
44. equ_____nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
45. 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
46. an icy bl__t *n.* explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise
47. the Italian fr_____er with Switzerland *n.* a border that separates two countries, or the area near this line
48. northern con_____ion *n.* a group of stars that form a recognizable pattern and have a name; a group of related or similar ideas, things, or people
49. achieve op_____l health *adj.* the best; most likely to be successful or advantageous
50. co_____us of having succeeded *adj.* being aware of and able to respond to what is happening around you
51. help ta___e climate change *v.* to try to deal with a complex problem or situation
52. co_____t car *n.* an idea or principle associated with something abstract
53. re_____ne at the surface *v.* to combine or put together again or differently; to cause genetic recombination (= the process by which genetic material is broken and joined to other genetic material)

ANSWERS: 43. frequent, 44. equivalent, 45. basis, 46. blast, 47. frontier, 48. constellation, 49. optimal, 50. conscious, 51. tackle, 52. concept, 53. recombine

63. cutting-edge inn_____on *n.* the creation of a new device or process resulting from study and experimentation
64. sop_____ted look *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
65. satellite im_____y *n.* the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events
66. pi____p truck *n.* a type of vehicle with an open-air cargo bed at the back used for transporting goods or equipment; the act of collecting or gathering someone or something from a particular location; a warrant to take someone into custody
67. sup_____ter technology *n.* a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing
68. d_e rabbit *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
69. 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
70. tr_____ff problem *n.* a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise

ANSWERS: 63. innovation, 64. sophisticated, 65. imagery, 66. pickup, 67. supercomputer, 68. doe, 69. diameter, 70. trade-off

71. 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
72. gov_____nt bureaucracy *n.* the group of people with authority to control a country or state
73. a picture fr__e *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
74. high vo____e *n.* the amount of space occupied by an object or substance; the magnitude of sound
75. op_____l for intellectual growth *adj.* the best; most likely to be successful or advantageous
76. have no re_____ce *n.* the state or degree of being closely connected or appropriate to the matter at hand
77. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
78. co_____us effort *adj.* being aware of and able to respond to what is happening around you
79. ro___t attack against the enemy *n.* a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon

ANSWERS: 71. economy, 72. government, 73. frame, 74. volume, 75. optimal, 76. relevance, 77. lab, 78. conscious, 79. rocket

80. ca_____e a glimpse *v.* to catch a person or an animal and confine them in an area which they cannot escape
81. di_____e a letter to secretary *v.* to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded
82. tre_____us amount *adj.* very great in degree or extent or amount or impact; extremely good
83. pi___p and delivery service *n.* a type of vehicle with an open-air cargo bed at the back used for transporting goods or equipment; the act of collecting or gathering someone or something from a particular location; a warrant to take someone into custody
84. the gen_____on of electricity *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
85. fo_____te situation *adj.* having good luck or lucky
86. a sop_____ted lifestyle *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
87. an_____al evidence *adj.* based on personal accounts or stories that may not be verifiable or representative of a larger population; characterized by anecdotes or casual observations rather than scientific data or empirical evidence
88. alien spa_____ft *n.* a vehicle designed to travel through space, typically carrying astronauts or scientific instruments

ANSWERS: 80. capture, 81. dictate, 82. tremendous, 83. pickup, 84. generation, 85. fortunate, 86. sophisticated, 87. anecdotal, 88. spacecraft

89. con_____nt on business activity *n.* a limit or restriction on something, such as an action, behavior, or thought
90. a remote re_____ve *adj.* considered and evaluated through comparison with something else
91. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
92. 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
93. ro____t fuel *n.* a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon
94. color pi____ls *n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
95. spa_____ft launch *n.* a vehicle designed to travel through space, typically carrying astronauts or scientific instruments
96. sm_____e herself out of a country *v.* to import or export something or someone without paying appropriate customs duties, often illegally
97. environmental tr_____ff *n.* a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise
98. high school g____d *n.* (informal for graduate) a student who has recently graduated or is about to graduate from a school, college, or university

ANSWERS: 89. constraint, 90. relative, 91. experiment, 92. facility, 93. rocket, 94. pixel, 95. spacecraft, 96. smuggle, 97. trade-off, 98. grad

99. cannot com_____se anymore *v.* to settle a problem or disagreement by mutual concession
100. ab_____te loyalty *adj.* perfect or complete or to the most considerable degree possible
101. tre_____us popularity *adj.* very great in degree or extent or amount or impact; extremely good
102. an a__o solo *n.* the second-highest vocal range in choral music, typically sung by the second-highest singers in a choir; a type of saxophone
103. major in an_____cs *n.* the systematic computational analysis of data or statistics; information resulting from this analysis
104. a qu_____r mile *n.* one of four equal parts; a fourth part or portion
105. s__n a document into PDF *v.* to examine something hastily, with the eyes or with a machine, to get information
106. a meteorological sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
107. a GPS sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
108. ev___e *v.* to develop gradually, or to cause the development of something or someone gradually

ANSWERS: 99. compromise, 100. absolute, 101. tremendous, 102. alto, 103. analytics, 104. quarter, 105. scan, 106. satellite, 107. satellite, 108. evolve

117. tr_____se the region *v.* to cross or move through a land or water area
118. con_____nt way *adj.* useful, helpful, or quick to do
119. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
120. sup_____ter performance *n.* a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing
121. 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
122. act as a pi_____r *n.* inventor; explorer; someone who is among the first to achieve something
123. engine con_____ion *n.* the arrangement or pattern of something or a group of related things
124. against tr_____on *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
125. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
126. ability to re_____ne *v.* to combine or put together again or differently; to cause genetic recombination (= the process by which genetic material is broken and joined to other genetic material)

ANSWERS: 117. traverse, 118. convenient, 119. evolve, 120. supercomputer, 121. planet, 122. pioneer, 123. configuration, 124. tradition, 125. analyze, 126. recombine

127. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
128. 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
129. first design sk____hes *n.* a simple, quickly-made picture that does not have many details; a short descriptive summary of something
130. ele_____cs store *n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems
131. sp_____ly attended *adv.* occurring, existing, or situated at wide intervals; in a scattered or thinly populated manner; with a low density or concentration
132. 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
133. v__t majority *adj.* enormous in size, number, amount, or quantity
134. cr__y about cars and racing *adj.* stupid or not sensible; very angry

ANSWERS: 127. experiment, 128. process, 129. sketch, 130. electronics, 131. sparsely, 132. resolution, 133. vast, 134. crazy

135. gov_____nt funding *n.* the group of people with authority to control a country or state
136. sp_____ly decorated *adv.* occurring, existing, or situated at wide intervals; in a scattered or thinly populated manner; with a low density or concentration
137. inn_____on leader *n.* the creation of a new device or process resulting from study and experimentation
138. achieve a vi___e relationship *adj.* capable of being done as intended; able to succeed
139. beginning of the ind_____al revolution *adj.* of or relating to or resulting from industry
140. buck and d_e *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
141. un_____h burial mound *v.* to discover or bring to light something that is in the ground or was previously hidden or unknown
142. 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
143. tr_____se a vast extent of sea *v.* to cross or move through a land or water area
144. nu_____r fusion *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

ANSWERS: 135. government, 136. sparsely, 137. innovation, 138. viable, 139. industrial, 140. doe, 141. unearth, 142. basis, 143. traverse, 144. nuclear

145. use of nu____r power *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
146. laws of ph____s *n.* the science of matter and energy and their interactions
147. 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
148. a private ind____al *n.* a single person or thing, as distinct from a group
149. in____ue against his rival *v.* to make someone interested, especially by being strange, unusual, or mysterious; to make a secret plan with other people to harm someone
150. dynamically sc____le *adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands
151. af____d to buy a new car *v.* to have enough money or time to be able to buy or do something
152. answer questions ind____lly *adv.* separately or apart from others
153. a cr__y scheme *adj.* stupid or not sensible; very angry
154. fr____nt use *adj.* happening constantly

ANSWERS: 145. nuclear, 146. physics, 147. process, 148. individual, 149. intrigue, 150. scalable, 151. afford, 152. individually, 153. crazy, 154. frequent

155. publicly available da____t *n.* a structured collection of data that is compiled and processed in a computer system or program, typically for analysis, research, or machine learning purposes
156. ju__o jet *n.* an extremely large or heavy object; an African elephant that was exhibited in a circus in the late 19th century and early 20th century and became widely known as "Jumbo"
157. un_____h a mystery *v.* to discover or bring to light something that is in the ground or was previously hidden or unknown
158. feel cr_____d *adj.* not having enough space for the people in it; uncomfortably small or restricted
159. blank ca____s *n.* the heavy, closely woven fabric used for making tents, sails, etc. and by artists for painting on
160. look through a te_____pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
161. 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
162. a cr_____d house *adj.* not having enough space for the people in it; uncomfortably small or restricted
163. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

ANSWERS: 155. dataset, 156. jumbo, 157. unearth, 158. cramped, 159. canvas, 160. telescope, 161. planet, 162. cramped, 163. engineer

164. 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
165. pr_____e changes *v.* to make a proposal, declare a plan for something
166. an_____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
167. 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
168. gra_____ld-grandparent relationship *n.* a child of someone's son or daughter
169. criminal on death r_w *n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars
170. ca_____e customers' hearts *v.* to catch a person or an animal and confine them in an area which they cannot escape
171. a tr_____on of a culture *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
172. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
173. early pi_____rs *n.* inventor; explorer; someone who is among the first to achieve something

ANSWERS: 164. degree, 165. propose, 166. analyze, 167. develop, 168. grandchild, 169. row, 170. capture, 171. tradition, 172. lab, 173. pioneer

174. su____ly attacked by an enemy *adv.* quickly and unexpectedly
175. vi_____ze flying through space *v.* to form a mental image or concept of something; to make something visible
176. pi__l density *n.* the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
177. b__e code *n.* a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code
178. fill the fr___e *n.* a piece of electrical equipment in which food can be stored at low temperatures so that it stays fresh
179. a selfish de_____on *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
180. ind_____al freedom *n.* a single person or thing, as distinct from a group
181. an_____cs tools *n.* the systematic computational analysis of data or statistics; information resulting from this analysis
182. ob___n a bid *v.* to get something, especially by making a great effort
183. a binocular te_____pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
184. lo___e a missing pet *v.* to specify or determine the exact position of someone or something

ANSWERS: 174. suddenly, 175. visualize, 176. pixel, 177. byte, 178. fridge, 179. decision, 180. individual, 181. analytics, 182. obtain, 183. telescope, 184. locate

185. sur_____ng areas *adj.* that is near or around, or closely encircling something
186. a__o saxophone *n.* the second-highest vocal range in choral music, typically sung by the second-highest singers in a choir; a type of saxophone
187. gen_____on gap *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
188. b__r image *n.* a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision
189. oil on ca___s *n.* the heavy, closely woven fabric used for making tents, sails, etc. and by artists for painting on
190. strict time con_____nts *n.* a limit or restriction on something, such as an action, behavior, or thought
191. ae_____ce and defense industry *adj.* pertaining to the design, engineering, science, and technology related to the Earth's atmosphere and the exploration or use of space beyond it
192. h_p on one foot *v.* to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.
193. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
194. da_____t analysis *n.* a structured collection of data that is compiled and processed in a computer system or program, typically for analysis, research, or machine learning purposes

ANSWERS: 185. surrounding, 186. alto, 187. generation, 188. blur, 189. canvas, 190. constraint, 191. aerospace, 192. hop, 193. amazing, 194. dataset

195. inf_____nt showers *adj.* occurring rarely or irregularly; happening at long intervals; not happening often or in large numbers
196. equ_____nt amounts *n.* having the same value, quality, meaning, purpose, etc.
197. industry-sp_____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
198. have an aw_____e birthday *adj.* inspiring fear, admiration, or respect; very good, nice, fun, etc.
199. b__e array *n.* a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code
200. con_____ion of the system *n.* the arrangement or pattern of something or a group of related things
201. sc_____le solution *adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands
202. sm_____e drugs *v.* to import or export something or someone without paying appropriate customs duties, often illegally
203. infrared go___es *v.* to look at someone or something with amazement; to look stupidly; (noun, plural) tight-fitting spectacles that are worn to prevent particulates, water, or chemicals from striking the eyes
204. v__t desert *adj.* enormous in size, number, amount, or quantity

ANSWERS: 195. infrequent, 196. equivalent, 197. specific, 198. awesome, 199. byte, 200. configuration, 201. scalable, 202. smuggle, 203. goggle, 204. vast

205. a lily b__b *n.* a rounded underground storage organ of some plants from which the plant grows; the rounded part of a cylindrical structure; electric lamp consisting of a glass ball
206. lo___e a tumor *v.* to specify or determine the exact position of someone or something
207. a penciled sk___h *n.* a simple, quickly-made picture that does not have many details; a short descriptive summary of something
208. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
209. fun_____al deafness *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
210. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
211. the fr__e of the policy *n.* a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
212. vi_____ze data *v.* to form a mental image or concept of something; to make something visible
213. co_____in his freedom *v.* to restrict or limit someone or something's freedom or ability to do something
214. bo___g work *adj.* lacking interest or excitement; tedious or dull

ANSWERS: 205. bulb, 206. locate, 207. sketch, 208. engineer, 209. functional, 210. complexity, 211. frame, 212. visualize, 213. constrain, 214. boring

215. pr____e the amendment *v.* to make a proposal, declare a plan for something
216. fr__k and open discussion *adj.* honest and sincere; open and candid in expression
217. immune fu____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
218. wet-b__b thermometer *n.* a rounded underground storage organ of some plants from which the plant grows; the rounded part of a cylindrical structure; electric lamp consisting of a glass ball
219. h_p from one place to another *v.* to jump lightly and quickly on one foot or both feet; to move rapidly from one place to another; to travel using an aircraft, bus, etc.
220. 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
221. a bl__t of wind *n.* explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise

ANSWERS: 215. propose, 216. frank, 217. function, 218. bulb, 219. hop, 220. develop, 221. blast

222. 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
223. no__y party *adj.* making a lot of sounds, especially loud or disruptive sound
224. share my in_____ts *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
225. an_____al example *adj.* based on personal accounts or stories that may not be verifiable or representative of a larger population; characterized by anecdotes or casual observations rather than scientific data or empirical evidence
226. com_____se the matter *v.* to settle a problem or disagreement by mutual concession
227. pH value of seven *n.* a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity
228. nuclear ph_____s *n.* the science of matter and energy and their interactions
229. af___d a high travel cost *v.* to have enough money or time to be able to buy or do something
230. do rec_____nce work *n.* a preliminary survey or exploration of an area, usually done to gather information or intelligence; a military mission to observe an enemy's activities and gather information

ANSWERS: 222. launch, 223. noisy, 224. insight, 225. anecdotal, 226. compromise, 227. ph, 228. physics, 229. afford, 230. reconnaissance

231. complete a pr_____pe product *n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
232. end of the first qu_____r *n.* one of four equal parts; a fourth part or portion
233. ele_____cs industry *n.* the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems
234. an ab_____te must *adj.* perfect or complete or to the most considerable degree possible
235. ta_____e the issue *v.* to try to deal with a complex problem or situation
236. go_____e his eyes *v.* to look at someone or something with amazement; to look stupidly; (noun, plural) tight-fitting spectacles that are worn to prevent particulates, water, or chemicals from striking the eyes
237. bo_____g day *adj.* lacking interest or excitement; tedious or dull
238. 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
239. develop a vi_____e therapy *adj.* capable of being done as intended; able to succeed
240. 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

ANSWERS: 231. prototype, 232. quarter, 233. electronics, 234. absolute, 235. tackle, 236. goggle, 237. boring, 238. resolution, 239. viable, 240. diameter

241. die su____ly *adv.* quickly and unexpectedly
242. a statistical ch__t *n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea
243. 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
244. hi_____ke a ride *v.* to obtain a ride in a passing vehicle by signaling to the driver or waving one's thumb; to travel by getting a free ride in someone else's vehicle
245. vo___e of work *n.* the amount of space occupied by an object or substance; the magnitude of sound
246. w__t per square meter *n.* a standard unit for measuring electrical power
247. commercial j_t *n.* a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances
248. sp_____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
249. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire

ANSWERS: 241. suddenly, 242. chart, 243. economy, 244. hitchhike, 245. volume, 246. watt, 247. jet, 248. specific, 249. amazing

250. learn new co_____ts

n. an idea or principle associated with something abstract

ANSWERS: 250. concept

Session 3: Fill in the Blanks

1. The town was _____ populated, with only a few houses scattered around the area.
adv. occurring, existing, or situated at wide intervals; in a scattered or thinly populated manner; with a low density or concentration
2. The automaker has been providing _____ car financing options since last year.
adj. not expensive and able to pay
3. Yesterday, I created a rough _____ of the plan.
n. a simple, quickly-made picture that does not have many details; a short descriptive summary of something
4. 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
5. He was pretty _____ to pass the exam.
adj. having good luck or lucky
6. There was a _____ between speed and accuracy in the task.
n. a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise
7. The camera's focus was off, and the image was a _____ of colors and shapes.
n. a faint or indistinct image or sound; something that is not clear or distinct; (verb) to become unclear; to lose clear vision

ANSWERS: 1. sparsely, 2. affordable, 3. sketch, 4. innovation, 5. fortunate, 6. trade-off, 7. blur

8. 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
9. Several hectares of land are needed to generate more than 1-mega_____ solar power.
n. a standard unit for measuring electrical power
10. The computer screen comprises thousands of tiny _____ that create the overall picture.
n. the smallest unit of an image that can be displayed or manipulated electronically, typically a point of light on a computer screen or in a digital image
11. She stood on the podium and _____ an audience.
v. to examine something hastily, with the eyes or with a machine, to get information
12. My friend shared an _____ story about her experience in customer service.
adj. based on personal accounts or stories that may not be verifiable or representative of a larger population; characterized by anecdotes or casual observations rather than scientific data or empirical evidence
13. Launching an artificial _____ contributed to the technological development of our country.
n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
14. Life is a vast _____ you should put as much paint on it as possible.
n. the heavy, closely woven fabric used for making tents, sails, etc. and by artists for painting on

ANSWERS: 8. complexity, 9. watt, 10. pixels, 11. scanned, 12. anecdotal, 13. satellite, 14. canvas;

15. Advanced _____ is helping the business to make better data-driven decisions.
n. the systematic computational analysis of data or statistics; information resulting from this analysis
16. There are various hypotheses concerning the _____ of life.
n. the first existence or beginning of something
17. She writes a _____ hand.
adj. not having enough space for the people in it; uncomfortably small or restricted
18. Traveling to remote villages can be difficult due to _____ transportation.
adj. occurring rarely or irregularly; happening at long intervals; not happening often or in large numbers
19. 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
20. 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
21. The company specializes in manufacturing and selling cutting-edge _____.
n. the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems
22. The grandparents take care of their _____ while the parents are at work.
n. a child of someone's son or daughter

ANSWERS: 15. analytics, 16. origin, 17. cramped, 18. infrequent, 19. basis, 20. degree, 21. electronics, 22. grandchild

23. She had to _____ to the nearest gas station when her car broke down.
- v.* to obtain a ride in a passing vehicle by signaling to the driver or waving one's thumb; to travel by getting a free ride in someone else's vehicle
24. One such rapidly growing _____ is quantum cryptography.
- n.* an idea or principle associated with something abstract
25. I need to buy a _____ bag of dog food for my large-breed puppy.
- n.* an extremely large or heavy object; an African elephant that was exhibited in a circus in the late 19th century and early 20th century and became widely known as "Jumbo"
26. Most countries prohibit sexual activity between certain close _____.
- adj.* considered and evaluated through comparison with something else
27. The brain is an incredibly complex organ that controls the body's _____.
- n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
28. This container has a _____ of 10 cubic meters.
- n.* the amount of space occupied by an object or substance; the magnitude of sound
29. He was proud to be a _____ of the prestigious university.
- n.* (informal for graduate) a student who has recently graduated or is about to graduate from a school, college, or university

ANSWERS: 23. hitchhike, 24. concept, 25. jumbo-sized, 26. relatives, 27. function, 28. volume, 29. grad

30. The airport offers five _____ access routes.

adj. useful, helpful, or quick to do

31. The lecture was so _____ that many people fell asleep.

adj. lacking interest or excitement; tedious or dull

32. To find drunk drivers, police conduct _____ tests.

adj. made, done, or happening without method, conscious decision, or any regular pattern

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

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

34. The _____ mountains make the city difficult to be invaded.

adj. that is near or around, or closely encircling something

35. 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

36. 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

37. The mobile phone was still _____ even after being dropped.

adj. designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

ANSWERS: 30. convenient, 31. boring, 32. random, 33. constraint, 34. surrounding, 35. develop, 36. economy, 37. functional

38. We gained various _____ by analyzing the vast amount of data owned by the company.

n. the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

39. The scientist conducted a study that provided _____ details about the species' behavior.

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

40. 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

41. The allies _____ the terms of surrender to the country.

v. to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded

42. Navigators still use the Little Bear _____ at sea.

n. a group of stars that form a recognizable pattern and have a name; a group of related or similar ideas, things, or people

43. The rabbit _____ over the fence.

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

44. This movie is famous for its romantic _____.

n. the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events

ANSWERS: 38. insights, 39. specific, 40. resolution, 41. dictated, 42. constellation, 43. hopped, 44. imagery

45. 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
46. China has developed one of the world's fastest _____ for its space program.
- n.* a computer with a high level of computing power and speed, typically used for scientific or engineering computations that require immense amounts of data processing
47. 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
48. Many countries have now agreed to a treaty banning the use of _____ weapons.
- adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
49. The ___ flew over the ocean at high speed, reaching its destination in hours.
- n.* a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances
50. 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

ANSWERS: 45. facility, 46. supercomputers, 47. diameter, 48. nuclear, 49. jet, 50. process

51. Hunters use a whistle that makes the ____ sound to lure stags.

n. a mature female of mammals of which the male is called a buck, such as a deer or a rabbit

52. The teacher attempted to _____ the root cause of our mistake.

v. to think about in-depth and evaluate to discover essential features or meaning

53. He cannot _____ a holiday.

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

54. The golfer recorded an _____ distance.

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

55. The federal _____ is planning to increase taxes for the next fiscal year.

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

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

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

57. The __ level of this soil is too acidic for these types of plants.

n. a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity

58. The _____ will repair my telephone tomorrow morning.

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

ANSWERS: 51. doe, 52. analyze, 53. afford, 54. amazing, 55. government, 56. frame, 57. ph, 58. engineer

59. Approximately 1000 automobiles _____ the bridge every day.

v. to cross or move through a land or water area

60. The artist's innovative style of work _____ me.

v. to make someone interested, especially by being strange, unusual, or mysterious; to make a secret plan with other people to harm someone

61. 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

62. This pie _____ represents our market share.

n. a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea

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

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

64. I'll be waiting for you in front of the café at 6 PM, so be on time for our _____.

n. a type of vehicle with an open-air cargo bed at the back used for transporting goods or equipment; the act of collecting or gathering someone or something from a particular location; a warrant to take someone into custody

65. Eyeless fish _____ in dark caves.

v. to develop gradually, or to cause the development of something or someone gradually

66. Jockey's superior _____ brought him victory.

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

ANSWERS: 59. traverse, 60. intrigues, 61. planet, 62. chart, 63. optimal, 64. pickup, 65. evolved, 66. technique

67. The younger _____ has different values and beliefs than the older one.
n. all the people born and living at about the same time, regarded collectively; the production of heat or electricity
68. Marketing strategies are growing more _____.
adj. having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
69. She had to _____ for the final exam and stayed up all night studying.
v. to force or try to fit a large amount of information into a short time, especially in preparation for an examination; to force or try to fit a large amount of something into a small space
70. His heartaches are less _____ now.
adj. happening constantly
71. This facility has the largest astronomical _____ in the country.
n. a device like a tube in shape containing lenses used to magnify and observe distant objects
72. I was able to _____ the moment on film.
v. to catch a person or an animal and confine them in an area which they cannot escape
73. The construction outside was creating a _____ distraction from my work.
adj. making a lot of sounds, especially loud or disruptive sound
74. Who answers _____ knows little.
adv. quickly and unexpectedly

ANSWERS: 67. generation, 68. sophisticated, 69. cram, 70. frequent, 71. telescope, 72. capture, 73. noisy, 74. suddenly

75. John Whitney was a computer animation _____.

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

76. Gandhi had an _____ zeal for nonviolence.

adj. perfect or complete or to the most considerable degree possible

77. The software company bought the VR _____ manufacturer.

v. to look at someone or something with amazement; to look stupidly; (noun, plural) tight-fitting spectacles that are worn to prevent particulates, water, or chemicals from striking the eyes

78. A _____ audience viewed the broadcast.

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

79. Male gorillas with good drumming skills are more _____.

adj. capable of being done as intended; able to succeed

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

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

81. The light _____ has burned out.

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

82. He was the leader of the demonstrators and spoke out against the war in the front _____.

n. an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars

ANSWERS: 75. pioneer, 76. absolute, 77. goggles, 78. vast, 79. viable, 80. unlock, 81. bulb, 82. row

83. 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

84. His _____ showed highly positive results.

- n.* the scientific test conducted to observe what happens and gain new knowledge

85. The _____ of this information to the current situation needs to be investigated.

- n.* the state or degree of being closely connected or appropriate to the matter at hand

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

- adj.* of or relating to or resulting from industry

87. We had a _____ time yesterday.

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

88. The _____ of molecules in steel changes significantly with temperature.

- n.* the arrangement or pattern of something or a group of related things

89. The teacher is very _____ to children's feelings.

- adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do

90. The detective _____ a critical clue that led to the suspect's arrest.

- v.* to discover or bring to light something that is in the ground or was previously hidden or unknown

ANSWERS: 83. fridge, 84. experiments, 85. relevance, 86. Industrial, 87. tremendous, 88. configuration, 89. sensitive, 90. unearthed

91. He was able to _____ a gun inside the prison.
- v.* to import or export something or someone without paying appropriate customs duties, often illegally
92. I want to _____ a toast in honor of our longstanding relationship.
- v.* to make a proposal, declare a plan for something
93. The company's new software is highly _____ allowing it to handle increasing number of users.
- adj.* capable of being easily expanded or increased in size, number, or scale to meet changing demands
94. Where can I _____ the application form?
- v.* to get something, especially by making a great effort
95. The _____ mission revealed the enemy's position.
- n.* a preliminary survey or exploration of an area, usually done to gather information or intelligence; a military mission to observe an enemy's activities and gather information
96. The flying car is presently in the _____ stage.
- n.* a first or preliminary example of something such as a device or vehicle from which other forms are developed
97. The political situation _____ the country's economic growth and foreign relations.
- v.* to restrict or limit someone or something's freedom or ability to do something
98. 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: 91. smuggle, 92. propose, 93. scalable, 94. obtain, 95. reconnaissance, 96. prototype, 97. constrained, 98. launch

99. They never _____ on development despite the lack of funds.
v. to settle a problem or disagreement by mutual concession
100. The robot can accurately _____ construction material.
v. to specify or determine the exact position of someone or something
101. It is a _____ in many families to have a big Thanksgiving dinner with all their relatives.
n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
102. The _____ singer had a unique and powerful voice.
n. the second-highest vocal range in choral music, typically sung by the second-highest singers in a choir; a type of saxophone
103. The scientist analyzed the large _____ to conclude the experiment.
n. a structured collection of data that is compiled and processed in a computer system or program, typically for analysis, research, or machine learning purposes
104. The _____ shattered the laboratory equipment.
n. explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise
105. The rain and thunder are _____ today.
adj. stupid or not sensible; very angry
106. She tried to _____ the layout of the new house in her mind.
v. to form a mental image or concept of something; to make something visible

ANSWERS: 99. compromised, 100. locate, 101. tradition, 102. alto, 103. dataset, 104. blast, 105. crazy, 106. visualize

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

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

108. The government is determined to _____ sharp inflation.

v. to try to deal with a complex problem or situation

109. Driving is difficult for me because of my poor _____.

n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

110. He worked at the _____ of behavioral economics.

n. a border that separates two countries, or the area near this line

111. There is a lot of _____ nature and food in Hawaii.

adj. inspiring fear, admiration, or respect; very good, nice, fun, etc.

112. Full involvement means _____ and prompt responses.

adj. honest and sincere; open and candid in expression

113. The _____ launch platform is visible from this hill.

n. a large tube-shaped object that moves very fast by a stream of gases let out behind it, used for space travel or as a weapon

114. As an _____ he had the right to make his own decisions and live his life as he saw fit.

n. a single person or thing, as distinct from a group

115. Each department has done its product costing _____.

adv. separately or apart from others

ANSWERS: 107. quarter, 108. tackle, 109. vision, 110. frontier, 111. awesome, 112. frank, 113. rocket, 114. individual, 115. individually

116. He studied the _____ of radiation.

n. the science of matter and energy and their interactions

117. He became _____ that he was being followed.

adj. being aware of and able to respond to what is happening around you

118. The computer hard drive had plenty of storage space but was running low on available _____.

n. a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code

119. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.

n. a workplace for the conduct of scientific research; a laboratory

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

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

121. The main discussion topic is government _____.

n. the condition or quality of being easy to see through

122. Some scientists argue that the genes in food should not be artificially _____.

v. to combine or put together again or differently; to cause genetic recombination (= the process by which genetic material is broken and joined to other genetic material)

123. NASA is an _____ organization that explores space and improves aviation technology.

adj. pertaining to the design, engineering, science, and technology related to the Earth's atmosphere and the exploration or use of space beyond it

ANSWERS: 116. physics, 117. conscious, 118. bytes, 119. lab, 120. equivalent, 121. transparency, 122. recombined, 123. aerospace

124. The human-crewed _____ successfully landed on the moon, fulfilling its mission.

n. a vehicle designed to travel through space, typically carrying astronauts or scientific instruments

125. 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

ANSWERS: 124. spacecraft, 125. decision