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Vocabulary Builder Reference from...

Virginia Smith: How we could better predict and stop floods | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

flood

n. a large amount of water flowing beyond its normal limits; an overwhelming number or amount

synonym: deluge, downpour, overflow

(1) **flood** advisory, (2) a **flood** of questions

These heavy rains caused flash **floods** on several islands.

chant

n. a simple melody or tune, typically one that is repeated or sung in a monotonous way; (verb) recite with musical intonation

synonym: hymn, mantra, (verb) recite

(1) **chant** melodies, (2) **chant** in the chapel

The soccer game crowd broke into a **chant** of "Go, team, go!"

statistics

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

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

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

powerless

adj. lacking power, strength, or authority; unable to act or affect change

synonym: helpless, impotent, feeble

(1) **powerless** position, (2) **powerless** in the organization

During the hurricane, we felt **powerless** against the winds and rain.

shift

n. a slight transition in position, direction, or trend

synonym: transition, change, modification

(1) Doppler **shift**, (2) major paradigm **shift**

Could you help me **shift** some furniture?

paradigm

n. a standard or typical example of something; a pattern or model

synonym: example, standard, epitome

(1) major **paradigm** shift, (2) cultural **paradigm**

He postulated a completely different **paradigm** to explain all these phenomena.

accord

n. an official agreement or treaty between two organizations, countries, etc.; (verb) allow to have

synonym: alliance, pact, agreement

(1) **accord** with public opinion, (2) binational **accord**

The organization finally signed a peace **accord**.

institute

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

synonym: academy, university, college

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

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

disaster

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

synonym: catastrophe, calamity, tragedy

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

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

substantial

adj. fairly large in size, value, or importance

synonym: significant, notable, actual

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

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

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.

recover

v. to return to a former condition, health, mind, or strength

synonym: come back, convalesce, heal

(1) **recover** a loss, (2) **recover** approval ratings

She is still **recovering** from a shot to her shoulder.

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.

roughly

adv. approximately but not precisely; with a violent manner

synonym: approximately, more or less, around

(1) **roughly** explain my idea, (2) **roughly** speaking

Five miles is **roughly** similar to eight kilometers.

grocery

n. a shop that sells food and other household items

synonym: foodstuff, market

(1) the **grocery** business, (2) run a **grocery**

I will go to the **grocery** store to buy food for dinner.

trillion

n. the number 1,000,000,000,000; a million million
(1) **trillion** cubic feet, (2) many **trillions** of dollars
One light year is nearly 6 **trillion** miles.

wrap

v. to cover or enclose something entirely with paper, cloth, or other material

synonym: surround, cover, bandage

(1) **wrap** a fish in foil, (2) **wrap** up a meeting

Wrap the bandage tightly around the injured arm.

nation

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

synonym: country, state, sovereign entity

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

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

debt

n. something, especially money, goods, or services owed by one person to another; the state of owing something

synonym: liability, obligation, deficit

(1) **debt** ceiling, (2) corporate **debt**

He became in **debt** after losing his job.

workaround

n. a temporary or unconventional solution to a problem or issue that enables progress or completion of a task despite obstacles or limitations

synonym: alternative, temporary fix, quick-fix

(1) **workaround** solution, (2) software **workaround**

When the software crashed, I had to devise a quick **workaround** to save my progress.

critic

n. someone who expresses opinions about the quality of books, music, etc.

synonym: pundit, analyst, attacker

(1) art **critic**, (2) severe **critic**

Advocates for legal reform hear less harsh words from their **critics**.

urban

adj. relating to or located in a town or city

synonym: metropolitan, civic

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

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

zone

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

synonym: area, region, territory

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

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

stud

n. a small object with a head on one end and a sharp point on the other, used for fastening clothing, leather, or other materials; an animal used for breeding, typically a male horse or bull that is of superior breeding stock; (verb) to decorate or adorn with studs; to provide with studs for support

synonym: beam, scantling, framing

(1) horse **stud**, (2) wall **stud**

He bought a new **stud** to attach the strap to his watch.

entrepreneur

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

synonym: founder, executive

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

Entrepreneurs willingly accept business risks to achieve success.

exciting

adj. causing a lot of interest or excitement

synonym: exhilarating, stimulating, thrilling

(1) **exciting** football player, (2) **exciting** news
The findings of the experiment were both **exciting** and unexpected.

opportune

adj. suitable or happening at a time that is suitable or convenient for a particular purpose
synonym: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark
The phone rang at the most **opportune** time.

landscape

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

synonym: geography, terrain, topography

(1) a peaceful **landscape**, (2) **landscape** painting
Recent electoral shocks have shaken the political **landscape** in Europe.

stormwater

n. water that accumulates during and after rainfall or snowmelt, usually flowing into waterways, sewers, or drainage systems

synonym: rainwater, runoff, drainage

(1) **stormwater** management, (2) **stormwater** runoff
The **stormwater** drainage system must be improved to prevent flooding in the neighborhood.

runoff

n. the occurrence of surplus liquid such as water that exceeds the limit or capacity; another competition, election, race, etc., following a tie or inconclusive outcome

synonym: drainage, overspill, overflow

(1) agricultural **runoff**, (2) primary **runoff** election
Industrial **runoff** and wind-blown debris are prime examples of pollution.

ultimate

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

(1) the **ultimate** goal in life, (2) the **ultimate** luxury
Management must take **ultimate** responsibility for the accident.

allay

v. to lessen or reduce fears, doubts, or concerns; to soothe or alleviate pain, suffering, or emotion

synonym: calm, soothe, alleviate

(1) **allay** anxiety, (2) **allay** concerns about declining profits
I tried to **allay** my friend's fears by reassuring her.

floodplain

n. an area of flat land adjacent to a river or stream that is subject to periodic flooding

synonym: lowland, swamp, delta

(1) **floodplain** area, (2) **floodplain** management

The town was built on a **floodplain**, making it vulnerable to natural disasters.

dynamic

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

synonym: energetic, active, vital

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

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

constantly

adv. all the time

synonym: continuously, always, frequently

(1) a **constantly** innovative enterprise, (2) a **constantly** varying mind

The mobile application industry is **constantly** changing.

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.

environment

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

synonym: atmosphere, surroundings, climate

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

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

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.

unfortunately

adv. by bad luck; unluckily

synonym: regrettably, unluckily, alas

(1) **unfortunately** caught in a shower, (2) even more **unfortunately**

The treatments were done but, **unfortunately**, were unsuccessful.

vulnerable

adj. capable of being hurt or influenced physically or mentally

synonym: susceptible, exposed, weak

(1) a **vulnerable** bridge, (2) **vulnerable** parts of the body

Infants and pregnant women are particularly **vulnerable**.

sanction

n. official permission or approval for an action, especially an economic or political action by a government or international organization; a penalty or punishment imposed for breaking the law, rule, or agreement; (verb) to impose a penalty or punishment for breaking the law, rule, or agreement

synonym: approve, authorize, endorse

(1) Imperial **sanction**, (2) popular **sanction**

The government imposed economic **sanctions** on the

country.

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.

elevate

v. to raise something from a lower to a higher position; to give a promotion to or assign to a higher position

synonym: lift, heighten, promote

(1) **elevate** educational standards, (2) **elevate** a close relationship

Eating food in a hurry **elevates** blood glucose levels.

communal

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

synonym: collaborative, combined, collective

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

Communal elections were held in several European countries.

upheaval

n. great change, disruption, or disturbance; (geology) a rise of land to a higher elevation

synonym: disturbance, turmoil, upheaval

(1) **upheaval** of society, (2) the big **upheaval** of my life

The recent political **upheaval** has left the country in a state of chaos.

associate

v. to mentally connect someone or something with someone or something else

synonym: tie in, link, consociate

(1) **associate** alcohol with gambling, (2) **associate** with people widely

The majority of consumers **associate** this brand with quality.

repetition

n. the act of doing or saying something many times
synonym: duplication, iteration, recurrence

(1) **repetition** of the word, (2) habitual **repetition**

Repetition is the mother of all learning.

stranded

adj. left in a difficult or helpless position without access to help or resources; unable to move or proceed

synonym: marooned, stuck, abandoned

(1) **stranded** travelers, (2) financially **stranded**

After their car broke down, the family was **stranded** on the side of the highway for hours.

destroy

v. to ruin or damage severely or completely; to eradicate or eliminate completely

synonym: demolish, ruin, obliterate

(1) **destroy** the ecosystem, (2) **destroyed** evidence

The building was **destroyed** in the fire and had to be rebuilt.

crop

n. a plant that is cultivated in large amounts, particularly for food

synonym: output, produce, product

(1) **crop** field, (2) **crop** herbicide

Sow early for an early **crop**.

commute

v. to regularly travel a particular journey, especially between one's home and place of work; (noun) a regular journey of some distance to and from your place of work

synonym: travel, journey, trip

(1) **commute** to work, (2) daily **commute**

He had to **commute** two hours each way to get to work.

risky

adj. involving the possibility of danger, failure, or loss

synonym: dangerous, perilous, scary

(1) change **risky** behavior, (2) a **risky** enterprise

It is extremely **risky** to sail in such a storm.

reinforce

v. to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger

synonym : strengthen, fortify, support

(1) **reinforce** the military, (2) **reinforce** good behavior

We should **reinforce** the troops at the front line.

climate

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

synonym : atmosphere, weather, environment

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

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

flash

n. a sudden intense burst of radiant energy; a momentary brightness

synonym : sparkle, gleam, glimmer

(1) a **flash** of lightning, (2) brilliant **flash**

These heavy rains caused **flash** floods on several islands.

resilient

adj. able to withstand or recover quickly from difficult conditions

synonym : robust, sturdy, tough

(1) a hard and **resilient** steel, (2) **resilient** population

She is a **resilient** person and has always bounced back from setbacks.

frequency

n. an ordered array of colors into which a light beam can be split

synonym : recurrence, repetition, regularity

(1) **frequency** band, (2) high **frequency**

The oscillator hunts for the correct **frequency**.

capita

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

synonym : head, headcount, person

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

hometown

n. the town or city where one was born or grew up
synonym: birthplace, home, native place

(1) **hometown** celebrity, (2) **hometown** memory

I always look forward to going back to my **hometown** during
the holidays.

avenue

n. a wide road in a town or city, especially with trees or tall
buildings on both sides; a line of approach

synonym: artery, roadway, street

(1) an **avenue** of poplars, (2) an **avenue** to success

They explored every **avenue** they could think of.

hurricane

n. a violent, tropical, cyclonic storm of the western North
Atlantic, having wind speeds of or over 64 knots (74
miles per hour)

synonym: cyclone, typhoon, storm

(1) a **hurricane** of applause, (2) the ravages of a **hurricane**

The devastating **hurricane** caused widespread damage and
left many people homeless.

sandy

adj. covered with or containing sand; (especially of hair
color) pale yellowish to yellowish brown

synonym: arenaceous, sandlike

(1) miles of **sandy** beaches, (2) **sandy** hair

The rain rapidly soaked into the **sandy** soil.

Newtonian

adj. relating to Sir Isaac Newton or his laws of motion and
universal gravitation

synonym: classical, physics, mechanics

(1) **Newtonian** physics, (2) **Newtonian** mechanics

The motion of planets can be described using **Newtonian**
mechanics.

giant

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

synonym : big, gigantic, huge

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

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

astronaut

n. a person trained by a space agency to travel outside the Earth's atmosphere

synonym : spaceman, cosmonaut

(1) **astronaut** mission, (2) **astronaut** in training

The shuttle **astronaut** trained for months before embarking on the space mission.

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.

rev

n. a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

synonym : revolution, RPM, speed

(1) low- **rev** engine, (2) **rev** up the crowd

He stepped on the gas pedal, and the engine released a loud **rev**.

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.

orbit

n. the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.

synonym: path, course, trajectory

(1) the **orbit** of the moon, (2) a planetary **orbit**

The rocket engine is used to put the satellite into **orbit**.

generate

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

synonym: create, yield, produce

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

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

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**.

revolution

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

synonym: coup, innovation, rebellion

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

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

gauge

n. an instrument for measuring and displaying the amount, level, or contents of something; (verb) to judge tentatively or form an estimate of something

synonym: measure, benchmark, judge

(1) pressure **gauge**, (2) take the **gauge** of a situation

We use various precision **gauges** in the manufacturing process of machinery.

sensor

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

synonym : detector

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

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

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.

harness

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

synonym : rein in, control, (noun) belt

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

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

novel

n. an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

synonym : fiction, story, (adjective) innovative

(1) historical **novel**, (2) **novel** effect

The **novel** has largely gotten positive feedback.

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.

illuminate

v. to light something or to make something lighter or brighter; to make something free from confusion or ambiguity

synonym : brighten, light, adorn

(1) **illuminate** a dark hall, (2) **illuminate** my understanding
That biologist **illuminated** the mechanism of heredity.

predict

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

synonym : forecast, anticipate, foresee

(1) **predict** the future, (2) **predict** when she will arrive
It's notoriously challenging to **predict** birth rates.

infrastructure

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

synonym : foundation, framework

(1) IT **infrastructure**, (2) **infrastructure** cost
Aging societies tend to require huge costs for **infrastructure** maintenance.

intelligence

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

synonym : brains, brightness, cleverness

(1) an **intelligence** test, (2) field of artificial **intelligence**
In terms of **intelligence**, he was head and shoulders above his classmates.

advancement

n. the development, improvement, or progress of something

synonym : progression, breakthrough, improvement

(1) **advancement** of knowledge, (2) career **advancement**
Competition between countries resulted in fast technological **advancement**.

mitigate

v. to make less severe or less intense; to alleviate or lessen the adverse effects of something

synonym: alleviate, relieve, reduce

(1) **mitigate** risk, (2) **mitigate** a natural disaster

Efforts to **mitigate** the effects of climate change require a coordinated and sustained effort by governments, businesses, and individuals.

pulse

n. the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves

synonym: beat, vibration, throb

(1) a weak **pulse**, (2) **pulse** waves

The cardiac monitor displays the intensity of your **pulse**.

soil

n. the top layer of Earth in which plants grow

synonym: earth, ground, mud

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

Soil moisture is another significant component controlling soil respiration.

infiltrate

v. to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly

synonym: penetrate, sneak in, invade

(1) **infiltrate** the bloodstream, (2) **infiltrate** a community

The spy was able to **infiltrate** the enemy's headquarters undetected.

evaporation

n. the process of a liquid changing into a gas or vapor, often as a result of high temperatures or reduced pressure; the gradual disappearance or dissipation of something, such as money or resources

synonym: vaporization, dehydration, desiccation

(1) **evaporation** cooling, (2) slow **evaporation**

The formation of clouds is facilitated by the process of **evaporation** and condensation

transpire

v. to happen or be revealed

synonym: occur, happen, take place

(1) **transpire** as expected, (2) **transpire** in the news

It finally **transpired** that an employee had stolen the missing money.

efficient

adj. performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

synonym: productive, effective, competent

(1) **efficient** operation, (2) energy- **efficient** appliances

The new washing machine is much more **efficient** than the old one.

regulation

n. an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule

synonym: constraint, restriction, rule

(1) a company **regulation**, (2) **regulation** by the government

The **regulation** approved by Congress was perfunctorily implemented.

surprisingly

adv. in a way that causes amazement or wonder

synonym: exceptionally, notably, unusually

(1) **surprisingly** advanced culture, (2) have **surprisingly** little effect

The exam was **surprisingly** tricky for everyone.

implement

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

synonym: execute, enforce, put through

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

measures

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

offend

v. to cause someone to feel upset, angry, or annoyed

synonym: insult, hurt, anger

(1) **offend** his sensibilities, (2) **offend** a customer

His rude comments **offended** many people at the party.

fuel

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

synonym: energy, power, gas

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

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

extend

v. to broaden in scope, range, or area

synonym: prolong, lengthen, advance

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

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

well-being

n. the state of being happy and healthy and prosperous

synonym: health, welfare, happiness

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

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

involve

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

synonym: implicate, include, engage

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

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

invest

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

synonym: fund, sponsor, support

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

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

dam

n. a wall constructed over a river to block the flow of water, mainly used to generate energy

synonym: barricade, barrier, embankment

(1) **dam-building** program, (2) **dam** collapsing

The break in the **dam** threatened the valley.

assuage

v. to make an unpleasant feeling, such as pain or distress, less intense; to satisfy or ease a desire or appetite

synonym: ease, alleviate, relieve

(1) **assuage** anger, (2) **assuage** guilt

The medicine helped **assuage** her pain and discomfort.

replace

v. to take the place of something

synonym: substitute, supersede, displace

(1) **replace** one word with another, (2) **replace** a phone

Eventually, the new design will **replace** all older models.

representative

n. someone who speaks or acts officially on behalf of another person or group of people

synonym: spokesperson, agent, delegate

(1) an official **representative**, (2) sales **representative**

The media **representatives** had special passes.

roll

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

synonym: spin, swirl, wheel

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

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

stream

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

synonym: flow, current, brook

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

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

drain

v. to empty or dry something by removing the liquid from it

synonym: draw off, bleed

(1) **drain** water from the swamp, (2) **drain** excess liquid

Push the button and let the water **drain** away.

property

n. a thing or things that belong to someone

synonym: belongings, possessions, equity

(1) a man of **property**, (2) chemical **property**

He stood to inherit a million-dollar **property**.

volunteer

n. a person who performs or offers to perform a job or service without being paid for or forced to do

synonym: unpaid worker, draftee, enlistee

(1) seek **volunteers**, (2) my **volunteer** work

The teachers make full use of **volunteer** assistance.

maintain

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

synonym: preserve, uphold, sustain

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

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

obvious

adj. easy to see, discover or understand

synonym: apparent, conspicuous, evident

(1) **obvious** reasons, (2) his conclusion was **obvious**

There are **obvious** differences between the two wine-producing regions.

obtrusive

adj. noticeable or prominent in an unwelcome or intrusive way; interfering with or obstructing something

synonym : prominent, conspicuous, intrusive

(1) change **obtrusive** behavior, (2) **obtrusive** noise

The **obtrusive** advertisement kept popping up and interrupting my work.

obtainable

adj. capable of being obtained, acquired, or reached; accessible

synonym : attainable, achievable, reachable

(1) **obtainable** resources, (2) **obtainable** solutions

The information on their website could have been clearer, but I found an **obtainable** answer eventually.

feasible

adj. capable of being or likely to be made, done, or achieved

synonym : achievable, possible, attainable

(1) economically **feasible**, (2) **feasible** assumption

It is not **feasible** and inefficient to complete many tasks at once.

innovate

v. to introduce new methods, ideas, or products

synonym : bring in, introduce, found

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

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

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.

computation

n. the act or process of calculating something, especially an answer or amount, by using a machine or calculator

synonym: calculation, estimation, arithmetic

(1) parallel **computation**, (2) theory of **computation**

The researcher demonstrated the superiority of quantum **computation** in several mathematical tasks.

biology

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

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

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

chemistry

n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions

(1) professor of **chemistry**, (2) the **chemistry** of soil

He is familiar with **chemistry** and biology.

govern

v. to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services

synonym: control, rule, preside

(1) a nation's right to **govern**, (2) **govern** a public enterprise

The regulations **governing** medical malpractice claims are rigorous.

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.

Session 2: Spelling

1. energy-ef_____nt appliances
adj. performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
2. parched s__l
n. the top layer of Earth in which plants grow
3. in_____te a lawsuit
n. an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
4. per ca___a sales
n. a Latin word meaning "head," used to express the amount for each person; any head or headlike expansion on a structure, as on a bone
5. de_____yed evidence
v. to ruin or damage severely or completely; to eradicate or eliminate completely
6. a planetary or__t
n. the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.
7. a ri__y enterprise
adj. involving the possibility of danger, failure, or loss
8. a peaceful la_____pe
n. an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance

ANSWERS: 1. efficient, 2. soil, 3. institute, 4. capita, 5. destroy, 6. orbit, 7. risky, 8. landscape

9. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
10. re_____ce the military *v.* to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger
11. the st___m of time *n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
12. even more unf_____ely *adv.* by bad luck; unluckily
13. in___t in stocks *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
14. po_____ss in the organization *adj.* lacking power, strength, or authority; unable to act or affect change
15. ur__n planning *adj.* relating to or located in a town or city
16. an official rep_____ive *n.* someone who speaks or acts officially on behalf of another person or group of people
17. the ravages of a hu_____ne *n.* a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour)
18. equ_____nt amounts *n.* having the same value, quality, meaning, purpose, etc.
19. time z___e *n.* a specific area, region, or section that is marked off or defined in some way
20. eva_____on cooling *n.* the process of a liquid changing into a gas or vapor, often as a result of high temperatures or reduced pressure; the gradual disappearance or dissipation of something, such as money or resources

ANSWERS: 9. opportune, 10. reinforce, 11. stream, 12. unfortunately, 13. invest, 14. powerless, 15. urban, 16. representative, 17. hurricane, 18. equivalent, 19. zone, 20. evaporation

21. take the ga__e of a situation *n.* an instrument for measuring and displaying the amount, level, or contents of something; (verb) to judge tentatively or form an estimate of something
22. cultural pa____gm *n.* a standard or typical example of something; a pattern or model
23. cell and molecular bi____y *n.* the scientific study of life and the natural processes of living things
24. dr__n water from the swamp *v.* to empty or dry something by removing the liquid from it
25. z__e defense *n.* a specific area, region, or section that is marked off or defined in some way
26. c__p field *n.* a plant that is cultivated in large amounts, particularly for food
27. gi__t trees *adj.* enormous; much bigger or more important than similar items usually are
28. a sense of wel_____ng *n.* the state of being happy and healthy and prosperous
29. popular sa_____on *n.* official permission or approval for an action, especially an economic or political action by a government or international organization; a penalty or punishment imposed for breaking the law, rule, or agreement; (verb) to impose a penalty or punishment for breaking the law, rule, or agreement
30. of___d his sensibilities *v.* to cause someone to feel upset, angry, or annoyed

ANSWERS: 21. gauge, 22. paradigm, 23. biology, 24. drain, 25. zone, 26. crop, 27. giant, 28. well-being, 29. sanction, 30. offend

31. 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
32. corporate d__t *n.* something, especially money, goods, or services owed by one person to another; the state of owing something
33. 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
34. ho_____wn celebrity *n.* the town or city where one was born or grew up
35. agricultural ru____f *n.* the occurrence of surplus liquid such as water that exceeds the limit or capacity; another competition, election, race, etc., following a tie or inconclusive outcome
36. low-r_v engine *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
37. re_____e one word with another *v.* to take the place of something
38. as_____e guilt *v.* to make an unpleasant feeling, such as pain or distress, less intense; to satisfy or ease a desire or appetite
39. many tr_____ons of dollars *n.* the number 1,000,000,000,000; a million million

ANSWERS: 31. tradition, 32. debt, 33. develop, 34. hometown, 35. runoff, 36. rev, 37. replace, 38. assuage, 39. trillion

40. r__l down his cheeks *v.* to move in a particular direction by turning over and over or from side to side
41. 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
42. di_____er recovery *n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life
43. motion se___r lighting *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
44. smokeless f__l *n.* a substance that is typically burned to generate heat or energy
45. software wor_____nd *n.* a temporary or unconventional solution to a problem or issue that enables progress or completion of a task despite obstacles or limitations
46. a profound in_____t *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
47. flo_____in management *n.* an area of flat land adjacent to a river or stream that is subject to periodic flooding
48. ma_____in order *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

ANSWERS: 40. roll, 41. planet, 42. disaster, 43. sensor, 44. fuel, 45. workaround, 46. insight, 47. floodplain, 48. maintain

49. IT inf_____ure *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
50. a vul_____le bridge *adj.* capable of being hurt or influenced physically or mentally
51. miles of sa__y beaches *adj.* covered with or containing sand; (especially of hair color) pale yellowish to yellowish brown
52. the ch_____ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
53. parallel com_____on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
54. a seafaring na___n *n.* a large organized community of people living in a particular country or region and having a particular culture
55. ob_____ve noise *adj.* noticeable or prominent in an unwelcome or intrusive way; interfering with or obstructing something
56. the agricultural yield per ca___a *n.* a Latin word meaning "head," used to express the amount for each person; any head or headlike expansion on a structure, as on a bone
57. horse s__d *n.* a small object with a head on one end and a sharp point on the other, used for fastening clothing, leather, or other materials; an animal used for breeding, typically a male horse or bull that is of superior breeding stock; (verb) to decorate or adorn with studs; to provide with studs for support

ANSWERS: 49. infrastructure, 50. vulnerable, 51. sandy, 52. chemistry, 53. computation, 54. nation, 55. obtrusive, 56. capita, 57. stud

58. fe_____le assumption *adj.* capable of being or likely to be made, done, or achieved
59. billionaire ent_____eur *n.* an individual who creates or invests in one or more businesses, especially when this involves taking financial risks
60. the big up_____al of my life *n.* great change, disruption, or disturbance; (geology) a rise of land to a higher elevation
61. 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
62. Ne_____an mechanics *adj.* relating to Sir Isaac Newton or his laws of motion and universal gravitation
63. tr_____re as expected *v.* to happen or be revealed
64. slow eva_____on *n.* the process of a liquid changing into a gas or vapor, often as a result of high temperatures or reduced pressure; the gradual disappearance or dissipation of something, such as money or resources
65. ef_____nt operation *adj.* performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
66. sto_____er runoff *n.* water that accumulates during and after rainfall or snowmelt, usually flowing into waterways, sewers, or drainage systems

ANSWERS: 58. feasible, 59. entrepreneur, 60. upheaval, 61. develop, 62. Newtonian, 63. transpire, 64. evaporation, 65. efficient, 66. stormwater

67. global di_____er *n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life
68. a nation's right to go____n *v.* to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services
69. tr_____on cubic feet *n.* the number 1,000,000,000,000; a million million
70. art cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
71. al__y anxiety *v.* to lessen or reduce fears, doubts, or concerns; to soothe or alleviate pain, suffering, or emotion
72. of____d a customer *v.* to cause someone to feel upset, angry, or annoyed
73. ch__t in the chapel *n.* a simple melody or tune, typically one that is repeated or sung in a monotonous way; (verb) recite with musical intonation
74. a hard and re_____nt steel *adj.* able to withstand or recover quickly from difficult conditions
75. ro_____y speaking *adv.* approximately but not precisely; with a violent manner
76. high fr_____cy *n.* an ordered array of colors into which a light beam can be split
77. r__l a ball *v.* to move in a particular direction by turning over and over or from side to side

ANSWERS: 67. disaster, 68. govern, 69. trillion, 70. critic, 71. allay, 72. offend, 73. chant, 74. resilient, 75. roughly, 76. frequency, 77. roll

78. the gr____y business *n.* a shop that sells food and other household items
79. ex____ng football player *adj.* causing a lot of interest or excitement
80. obt____le solutions *adj.* capable of being obtained, acquired, or reached; accessible
81. major paradigm sh__t *n.* a slight transition in position, direction, or trend
82. 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.
83. an av____e of poplars *n.* a wide road in a town or city, especially with trees or tall buildings on both sides; a line of approach
84. en____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
85. env____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
86. wor____nd solution *n.* a temporary or unconventional solution to a problem or issue that enables progress or completion of a task despite obstacles or limitations
87. binational ac____d *n.* an official agreement or treaty between two organizations, countries, etc.; (verb) allow to have
88. 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

ANSWERS: 78. grocery, 79. exciting, 80. obtainable, 81. shift, 82. satellite, 83.

avenue, 84. engineer, 85. environment, 86. workaround, 87. accord, 88. economy

89. d_m collapsing *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
90. s__ls retentive of moisture *n.* the top layer of Earth in which plants grow
91. inf_____te a community *v.* to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly
92. ch__t melodies *n.* a simple melody or tune, typically one that is repeated or sung in a monotonous way; (verb) recite with musical intonation
93. la_____pe painting *n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
94. ex___d a line *v.* to broaden in scope, range, or area
95. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
96. ha_____s a horse to a carriage *v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
97. obt_____le resources *adj.* capable of being obtained, acquired, or reached; accessible

ANSWERS: 89. dam, 90. soil, 91. infiltrate, 92. chant, 93. landscape, 94. extend, 95. biology, 96. harness, 97. obtainable

98. brilliant fl__h *n.* a sudden intense burst of radiant energy; a momentary brightness
99. ho____wn memory *n.* the town or city where one was born or grew up
100. tr_____re in the news *v.* to happen or be revealed
101. w__p up a meeting *v.* to cover or enclose something entirely with paper, cloth, or other material
102. seek vo_____ers *n.* a person who performs or offers to perform a job or service without being paid for or forced to do
103. field of artificial int_____nce *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
104. st_____ed travelers *adj.* left in a difficult or helpless position without access to help or resources; unable to move or proceed
105. Ne_____an physics *adj.* relating to Sir Isaac Newton or his laws of motion and universal gravitation
106. no__l effect *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
107. c__p herbicide *n.* a plant that is cultivated in large amounts, particularly for food
108. de_____y the ecosystem *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
109. ex___d the warranty *v.* to broaden in scope, range, or area
110. 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

ANSWERS: 98. flash, 99. hometown, 100. transpire, 101. wrap, 102. volunteer, 103. intelligence, 104. stranded, 105. Newtonian, 106. novel, 107. crop, 108. destroy, 109. extend, 110. planet

111. ob_____s reasons *adj.* easy to see, discover or understand
112. as_____te with people widely *v.* to mentally connect someone or something with someone or something else
113. his conclusion was ob_____s *adj.* easy to see, discover or understand
114. pr_____t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
115. official sta_____cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
116. inf_____ure cost *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
117. financially st_____ed *adj.* left in a difficult or helpless position without access to help or resources; unable to move or proceed
118. primary ru____f election *n.* the occurrence of surplus liquid such as water that exceeds the limit or capacity; another competition, election, race, etc., following a tie or inconclusive outcome
119. ex_____ng news *adj.* causing a lot of interest or excitement
120. equ_____nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
121. inn_____on leader *n.* the creation of a new device or process resulting from study and experimentation

ANSWERS: 111. obvious, 112. associate, 113. obvious, 114. predict, 115. statistics, 116. infrastructure, 117. stranded, 118. runoff, 119. exciting, 120. equivalent, 121. innovation

122. professor of ch_____ry *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
123. re_____ce good behavior *v.* to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger
124. sur_____gly advanced culture *adv.* in a way that causes amazement or wonder
125. beginning of the industrial rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
126. run a gr_____y *n.* a shop that sells food and other household items
127. el_____e a close relationship *v.* to raise something from a lower to a higher position; to give a promotion to or assign to a higher position
128. the ul_____te goal in life *adj.* furthest or highest in degree or order
129. a cold cl_____e *n.* the weather in a particular location averaged over some long period
130. a con_____ly varying mind *adv.* all the time
131. habitual rep_____on *n.* the act of doing or saying something many times
132. unf_____ely caught in a shower *adv.* by bad luck; unluckily
133. co_____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
134. inf_____te the bloodstream *v.* to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly

ANSWERS: 122. chemistry, 123. reinforce, 124. surprisingly, 125. revolution, 126. grocery, 127. elevate, 128. ultimate, 129. climate, 130. constantly, 131. repetition, 132. unfortunately, 133. communal, 134. infiltrate

135. daily co_____e
v. to regularly travel a particular journey, especially between one's home and place of work; (noun) a regular journey of some distance to and from your place of work
136. a hu_____ne of applause
n. a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour)
137. ur__n property owners
adj. relating to or located in a town or city
138. fr_____cy band
n. an ordered array of colors into which a light beam can be split
139. ill_____te a dark hall
v. to light something or to make something lighter or brighter; to make something free from confusion or ambiguity
140. career adv_____nt
n. the development, improvement, or progress of something
141. re_____r a loss
v. to return to a former condition, health, mind, or strength
142. flo_____in area
n. an area of flat land adjacent to a river or stream that is subject to periodic flooding
143. an av___e to success
n. a wide road in a town or city, especially with trees or tall buildings on both sides; a line of approach
144. ev___e
v. to develop gradually, or to cause the development of something or someone gradually
145. a man of pr_____ty
n. a thing or things that belong to someone

ANSWERS: 135. commute, 136. hurricane, 137. urban, 138. frequency, 139. illuminate, 140. advancement, 141. recover, 142. floodplain, 143. avenue, 144. evolve, 145. property

146. im_____nt a corporate strategy *v.* to put a decision, plan, or system into effect
147. pu__e waves *n.* the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves
148. ma_____in good health *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
149. research in_____tes *n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
150. wall s__d *n.* a small object with a head on one end and a sharp point on the other, used for fastening clothing, leather, or other materials; an animal used for breeding, typically a male horse or bull that is of superior breeding stock; (verb) to decorate or adorn with studs; to provide with studs for support
151. mi_____te a natural disaster *v.* to make less severe or less intense; to alleviate or lessen the adverse effects of something
152. a sub_____al amount of capital *adj.* fairly large in size, value, or importance
153. biomass f__l *n.* a substance that is typically burned to generate heat or energy

ANSWERS: 146. implement, 147. pulse, 148. maintain, 149. institute, 150. stud, 151. mitigate, 152. substantial, 153. fuel

154. a dy____c market *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
155. effects of cl____e change *n.* the weather in a particular location averaged over some long period
156. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
157. as____ut mission *n.* a person trained by a space agency to travel outside the Earth's atmosphere
158. as____te alcohol with gambling *v.* to mentally connect someone or something with someone or something else
159. co____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
160. up____al of society *n.* great change, disruption, or disturbance; (geology) a rise of land to a higher elevation
161. an int____nce test *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
162. lo___e a missing pet *v.* to specify or determine the exact position of someone or something
163. as____ut in training *n.* a person trained by a space agency to travel outside the Earth's atmosphere
164. 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

ANSWERS: 154. dynamic, 155. climate, 156. evolve, 157. astronaut, 158. associate, 159. communal, 160. upheaval, 161. intelligence, 162. locate, 163. astronaut, 164. byte

165. a con_____ly innovative enterprise *adv.* all the time
166. chemical pr_____ty *n.* a thing or things that belong to someone
167. vul_____le parts of the body *adj.* capable of being hurt or influenced physically or mentally
168. co_____e to work *v.* to regularly travel a particular journey, especially between one's home and place of work; (noun) a regular journey of some distance to and from your place of work
169. el_____e educational standards *v.* to raise something from a lower to a higher position; to give a promotion to or assign to a higher position
170. ill_____te my understanding *v.* to light something or to make something lighter or brighter; to make something free from confusion or ambiguity
171. historical no___l *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
172. dr___n excess liquid *v.* to empty or dry something by removing the liquid from it
173. in___t capital *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
174. an image se___r *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
175. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software

ANSWERS: 165. constantly, 166. property, 167. vulnerable, 168. commute, 169. elevate, 170. illuminate, 171. novel, 172. drain, 173. invest, 174. sensor, 175. engineer

176. economically fe_____le *adj.* capable of being or likely to be made, done, or achieved
177. re_____e a phone *v.* to take the place of something
178. a company reg_____on *n.* an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule
179. sta_____cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
180. 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
181. the wel_____ng of a nation *n.* the state of being happy and healthy and prosperous
182. put a ha_____s on my pet *v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
183. a weak pu__e *n.* the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves

ANSWERS: 176. feasible, 177. replace, 178. regulation, 179. statistics, 180. economy, 181. well-being, 182. harness, 183. pulse

184. major pa_____gm shift *n.* a standard or typical example of something; a pattern or model
185. change ri__y behavior *adj.* involving the possibility of danger, failure, or loss
186. 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
187. a fl__d of questions *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
188. an endless st___m of cars *n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.
189. a successful ent_____eur *n.* an individual who creates or invests in one or more businesses, especially when this involves taking financial risks
190. im_____nt security measures *v.* to put a decision, plan, or system into effect
191. ro_____y explain my idea *adv.* approximately but not precisely; with a violent manner
192. Imperial sa_____on *n.* official permission or approval for an action, especially an economic or political action by a government or international organization; a penalty or punishment imposed for breaking the law, rule, or agreement; (verb) to impose a penalty or punishment for breaking the law, rule, or agreement

ANSWERS: 184. paradigm, 185. risky, 186. byte, 187. flood, 188. stream, 189. entrepreneur, 190. implement, 191. roughly, 192. sanction

193. reg_____on by the government *n.* an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule
194. as_____e anger *v.* to make an unpleasant feeling, such as pain or distress, less intense; to satisfy or ease a desire or appetite
195. in_____te the quality of his life *v.* to introduce new methods, ideas, or products
196. po_____ss position *adj.* lacking power, strength, or authority; unable to act or affect change
197. cutting-edge inn_____on *n.* the creation of a new device or process resulting from study and experimentation
198. in_____e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
199. the ul_____te luxury *adj.* furthest or highest in degree or order
200. severe cr____c *n.* someone who expresses opinions about the quality of books, music, etc.
201. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
202. re_____nt population *adj.* able to withstand or recover quickly from difficult conditions
203. ge_____te \$100 a month *v.* to produce or create something; to make offspring by reproduction
204. sto_____er management *n.* water that accumulates during and after rainfall or snowmelt, usually flowing into waterways, sewers, or drainage systems

ANSWERS: 193. regulation, 194. assuage, 195. innovate, 196. powerless, 197. innovation, 198. involve, 199. ultimate, 200. critic, 201. environment, 202. resilient, 203. generate, 204. stormwater

205. d_m-building program *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
206. gi__t tech company *adj.* enormous; much bigger or more important than similar items usually are
207. r_v up the crowd *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
208. a fl__h of lightning *n.* a sudden intense burst of radiant energy; a momentary brightness
209. 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
210. w__p a fish in foil *v.* to cover or enclose something entirely with paper, cloth, or other material
211. have a sub_____al meal *adj.* fairly large in size, value, or importance
212. pr____t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
213. re____r approval ratings *v.* to return to a former condition, health, mind, or strength
214. dy____c person *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)

ANSWERS: 205. dam, 206. giant, 207. rev, 208. flash, 209. insight, 210. wrap, 211. substantial, 212. predict, 213. recover, 214. dynamic

215. d__t ceiling	<i>n.</i> something, especially money, goods, or services owed by one person to another; the state of owing something
216. na___n-state	<i>n.</i> a large organized community of people living in a particular country or region and having a particular culture
217. sales rep_____ive	<i>n.</i> someone who speaks or acts officially on behalf of another person or group of people
218. adv_____nt of knowledge	<i>n.</i> the development, improvement, or progress of something
219. rep_____on of the word	<i>n.</i> the act of doing or saying something many times
220. against tr_____on	<i>n.</i> a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
221. ac___d with public opinion	<i>n.</i> an official agreement or treaty between two organizations, countries, etc.; (verb) allow to have
222. change ob_____ve behavior	<i>adj.</i> noticeable or prominent in an unwelcome or intrusive way; interfering with or obstructing something
223. Doppler sh__t	<i>n.</i> a slight transition in position, direction, or trend
224. pressure ga__e	<i>n.</i> an instrument for measuring and displaying the amount, level, or contents of something; (verb) to judge tentatively or form an estimate of something

ANSWERS: 215. debt, 216. nation, 217. representative, 218. advancement, 219. repetition, 220. tradition, 221. accord, 222. obtrusive, 223. shift, 224. gauge

225. lo___e a tumor *v.* to specify or determine the exact position of someone or something
226. go___n a public enterprise *v.* to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services
227. have sur_____gly little effect *adv.* in a way that causes amazement or wonder
228. 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.
229. al___y concerns about declining profits *v.* to lessen or reduce fears, doubts, or concerns; to soothe or alleviate pain, suffering, or emotion
230. ge_____te more electricity *v.* to produce or create something; to make offspring by reproduction
231. fl__d advisory *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
232. mi_____te risk *v.* to make less severe or less intense; to alleviate or lessen the adverse effects of something
233. a political rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
234. theory of com_____on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator

ANSWERS: 225. locate, 226. govern, 227. surprisingly, 228. satellite, 229. allay, 230. generate, 231. flood, 232. mitigate, 233. revolution, 234. computation

235. in____te a new method *v.* to introduce new methods, ideas, or products
236. in____e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else
237. my vo_____er work *n.* a person who performs or offers to perform a job or service without being paid for or forced to do
238. sa__y hair *adj.* covered with or containing sand; (especially of hair color) pale yellowish to yellowish brown
239. the or__t of the moon *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.
240. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

ANSWERS: 235. innovate, 236. involve, 237. volunteer, 238. sandy, 239. orbit, 240. opportune

Session 3: Fill in the Blanks

1. The government should view children as national assets and actively _____ in them.
v. to put money, effort, time, etc. into something to make a profit or achieve a result

2. The _____ response team worked around the clock to aid those affected by the earthquake.
n. an unexpected event or series of events that cause widespread damage, destruction, or loss of life

3. He bought a new _____ to attach the strap to his watch.
n. a small object with a head on one end and a sharp point on the other, used for fastening clothing, leather, or other materials; an animal used for breeding, typically a male horse or bull that is of superior breeding stock; (verb) to decorate or adorn with studs; to provide with studs for support

4. He is familiar with _____ and biology.
n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions

5. The motion of planets can be described using _____ mechanics.
adj. relating to Sir Isaac Newton or his laws of motion and universal gravitation

6. _____ and weather have an impact on every part of our lifestyles.
n. the weather in a particular location averaged over some long period

7. Management must take _____ responsibility for the accident.
adj. furthest or highest in degree or order

ANSWERS: 1. invest, 2. disaster, 3. stud, 4. chemistry, 5. Newtonian, 6. Climate, 7. ultimate

8. The _____ drainage system must be improved to prevent flooding in the neighborhood.
- n.* water that accumulates during and after rainfall or snowmelt, usually flowing into waterways, sewers, or drainage systems
9. The sprinter has a _____ way of running.
- adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
10. The _____ advertisement kept popping up and interrupting my work.
- adj.* noticeable or prominent in an unwelcome or intrusive way; interfering with or obstructing something
11. He became in _____ after losing his job.
- n.* something, especially money, goods, or services owed by one person to another; the state of owing something
12. 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.
13. Eating food in a hurry _____ blood glucose levels.
- v.* to raise something from a lower to a higher position; to give a promotion to or assign to a higher position
14. 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

ANSWERS: 8. stormwater, 9. dynamic, 10. obtrusive, 11. debt, 12. satellite, 13. elevates, 14. tradition

15. The _____ by the citizen resulted in a redistribution of wealth.
- n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
16. We are responsible for the care and _____ of all our employees.
- n.* the state of being happy and healthy and prosperous
17. The organization finally signed a peace _____.
- n.* an official agreement or treaty between two organizations, countries, etc.;
 - (verb) allow to have
18. When the software crashed, I had to devise a quick _____ to save my progress.
- n.* a temporary or unconventional solution to a problem or issue that enables progress or completion of a task despite obstacles or limitations
19. We use various precision _____ in the manufacturing process of machinery.
- n.* an instrument for measuring and displaying the amount, level, or contents of something; (verb) to judge tentatively or form an estimate of something
20. Could you help me _____ some furniture?
- n.* a slight transition in position, direction, or trend
21. That biologist _____ the mechanism of heredity.
- v.* to light something or to make something lighter or brighter; to make something free from confusion or ambiguity
22. The spy was able to _____ the enemy's headquarters undetected.
- v.* to enter or penetrate a group, organization, or place covertly or secretly, usually with a specific purpose or goal in mind; to spread or diffuse through something gradually or subtly

ANSWERS: 15. revolution, 16. well-being, 17. accord, 18. workaround, 19. gauges, 20. shift, 21. illuminated, 22. infiltrate

23. He stepped on the gas pedal, and the engine released a loud ____.
- n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
24. Eyeless fish _____ in dark caves.
- v.* to develop gradually, or to cause the development of something or someone gradually
25. ____ moisture is another significant component controlling soil respiration.
- n.* the top layer of Earth in which plants grow
26. The _____ approved by Congress was perfunctorily implemented.
- n.* an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule
27. _____ willingly accept business risks to achieve success.
- n.* an individual who creates or invests in one or more businesses, especially when this involves taking financial risks
28. It is extremely _____ to sail in such a storm.
- adj.* involving the possibility of danger, failure, or loss
29. The devastating _____ caused widespread damage and left many people homeless.
- n.* a violent, tropical, cyclonic storm of the western North Atlantic, having wind speeds of or over 64 knots (74 miles per hour)
30. Only a small number of _____ utilities offer sanitation services.
- adj.* relating to or located in a town or city

ANSWERS: 23. rev, 24. evolved, 25. Soil, 26. regulation, 27. Entrepreneurs, 28. risky, 29. hurricane, 30. urban

31. The _____ demonstrate that poverty and unemployment are genuine problems.
- n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
32. I tried to _____ my friend's fears by reassuring her.
- v.* to lessen or reduce fears, doubts, or concerns; to soothe or alleviate pain, suffering, or emotion
33. 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
34. She is still _____ from a shot to her shoulder.
- v.* to return to a former condition, health, mind, or strength
35. The regulations _____ medical malpractice claims are rigorous.
- v.* to legally control and direct a country, city, group of people, etc. and be responsible for introducing new laws, organizing and maintaining public services
36. He postulated a completely different _____ to explain all these phenomena.
- n.* a standard or typical example of something; a pattern or model
37. Jet _____ are the common name for air currents that form high in the atmosphere.
- n.* a small, narrow river; a continuous flow of something, such as liquid, gas, people, vehicles, etc.

ANSWERS: 31. statistics, 32. allay, 33. insights, 34. recovering, 35. governing, 36. paradigm, 37. streams

38. Industrial _____ and wind-blown debris are prime examples of pollution.
n. the occurrence of surplus liquid such as water that exceeds the limit or capacity; another competition, election, race, etc., following a tie or inconclusive outcome
39. The building was _____ in the fire and had to be rebuilt.
v. to ruin or damage severely or completely; to eradicate or eliminate completely
40. The information on their website could have been clearer, but I found an _____ answer eventually.
adj. capable of being obtained, acquired, or reached; accessible
41. Sow early for an early _____.
n. a plant that is cultivated in large amounts, particularly for food
42. Eventually, the new design will _____ all older models.
v. to take the place of something
43. The media _____ had special passes.
n. someone who speaks or acts officially on behalf of another person or group of people
44. The town was built on a _____ making it vulnerable to natural disasters.
n. an area of flat land adjacent to a river or stream that is subject to periodic flooding
45. Push the button and let the water _____ away.
v. to empty or dry something by removing the liquid from it

ANSWERS: 38. runoff, 39. destroyed, 40. obtainable, 41. crop, 42. replace, 43. representatives, 44. floodplain, 45. drain

46. The robot can accurately _____ construction material.
v. to specify or determine the exact position of someone or something
47. She is a _____ person and has always bounced back from setbacks.
adj. able to withstand or recover quickly from difficult conditions
48. Companies developing self-driving cars consistently _____ the emerging technologies.
v. to introduce new methods, ideas, or products
49. His rude comments _____ many people at the party.
v. to cause someone to feel upset, angry, or annoyed
50. It's notoriously challenging to _____ birth rates.
v. to state beforehand that something will happen in the future, mainly based on knowledge or experience
51. Efforts to _____ the effects of climate change require a coordinated and sustained effort by governments, businesses, and individuals.
v. to make less severe or less intense; to alleviate or lessen the adverse effects of something
52. _____ the bandage tightly around the injured arm.
v. to cover or enclose something entirely with paper, cloth, or other material
53. The investigation _____ several government agencies and is expected to take several months.
v. to include or affect someone or something as a necessary part of something else

ANSWERS: 46. locate, 47. resilient, 48. innovate, 49. offended, 50. predict, 51. mitigate, 52. Wrap, 53. involves

54. The oscillator hunts for the correct _____.
- n.* an ordered array of colors into which a light beam can be split
55. The teachers make full use of _____ assistance.
- n.* a person who performs or offers to perform a job or service without being paid for or forced to do
56. _____ is the mother of all learning.
- n.* the act of doing or saying something many times
57. The majority of consumers _____ this brand with quality.
- v.* to mentally connect someone or something with someone or something else
58. This region has many _____ offering higher education.
- n.* an organization that has a specific purpose, particularly one dealing with science, education, or a particular profession; (verb) to initiate, introduce, or establish something
59. The treatments were done but, _____ were unsuccessful.
- adv.* by bad luck; unluckily
60. Infants and pregnant women are particularly _____.
- adj.* capable of being hurt or influenced physically or mentally
61. During the hurricane, we felt _____ against the winds and rain.
- adj.* lacking power, strength, or authority; unable to act or affect change
62. The recent political _____ has left the country in a state of chaos.
- n.* great change, disruption, or disturbance; (geology) a rise of land to a higher elevation

ANSWERS: 54. frequency, 55. volunteer, 56. Repetition, 57. associate, 58. institutes, 59. unfortunately, 60. vulnerable, 61. powerless, 62. upheaval

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

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

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

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

65. They explored every _____ they could think of.

- n.* a wide road in a town or city, especially with trees or tall buildings on both sides; a line of approach

66. Five miles is _____ similar to eight kilometers.

- adv.* approximately but not precisely; with a violent manner

67. _____ elections were held in several European countries.

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

68. He stood to inherit a million-dollar _____.

- n.* a thing or things that belong to someone

69. The _____ will repair my telephone tomorrow morning.

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

70. Every human is responsible for taking care of the Earth's _____.

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

ANSWERS: 63. harness, 64. biology, 65. avenue, 66. roughly, 67. Communal, 68. property, 69. engineer, 70. environment

71. The researcher demonstrated the superiority of quantum _____ in several mathematical tasks.
- n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
72. The phone rang at the most _____ time.
- adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
73. 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
74. He was reluctant to leave his comfort _____ and try something new.
- n.* a specific area, region, or section that is marked off or defined in some way
75. The soccer game crowd broke into a _____ of "Go, team, go!"
- n.* a simple melody or tune, typically one that is repeated or sung in a monotonous way; (verb) recite with musical intonation
76. Recent electoral shocks have shaken the political _____ in Europe.
- n.* an expanse of scenery that can be seen in a single view; a large area of land, especially in the country and relating to its appearance
77. The cardiac monitor displays the intensity of your _____.
- n.* the regular heartbeat as it sends blood around the body, especially when it is felt at the wrist or side of the neck; a solid regular vibration of sound, electric current, light, or other waves

ANSWERS: 71. computation, 72. opportune, 73. bytes, 74. zone, 75. chant, 76. landscape, 77. pulse

78. The government imposed economic _____ on the country.
- n.* official permission or approval for an action, especially an economic or political action by a government or international organization; a penalty or punishment imposed for breaking the law, rule, or agreement; (verb) to impose a penalty or punishment for breaking the law, rule, or agreement
79. He had to _____ two hours each way to get to work.
- v.* to regularly travel a particular journey, especially between one's home and place of work; (noun) a regular journey of some distance to and from your place of work
80. In terms of _____ he was head and shoulders above his classmates.
- n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
81. 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
82. I always look forward to going back to my _____ during the holidays.
- n.* the town or city where one was born or grew up
83. The _____ scarcity most severely impacted the manufacturing sector
- n.* a substance that is typically burned to generate heat or energy
84. Her visit will _____ from Monday to Friday.
- v.* to broaden in scope, range, or area

ANSWERS: 78. sanctions, 79. commute, 80. intelligence, 81. develop, 82. hometown, 83. fuel, 84. extend

85. 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
86. The rocket engine is used to put the satellite into _____.
- n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.
87. The findings of the experiment were both _____ and unexpected.
- adj.* causing a lot of interest or excitement
88. I need to _____ my car regularly to prevent any major mechanical issues.
- v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
89. These heavy rains caused _____ floods on several islands.
- n.* a sudden intense burst of radiant energy; a momentary brightness
90. Advocates for legal reform hear less harsh words from their _____.
- n.* someone who expresses opinions about the quality of books, music, etc.
91. The pandemic was a _____ business opportunity for certain companies.
- adj.* fairly large in size, value, or importance
92. The formation of clouds is facilitated by the process of _____ and condensation
- n.* the process of a liquid changing into a gas or vapor, often as a result of high temperatures or reduced pressure; the gradual disappearance or dissipation of something, such as money or resources

ANSWERS: 85. economy, 86. orbit, 87. exciting, 88. maintain, 89. flash, 90. critics, 91. substantial, 92. evaporation

93. There are _____ differences between the two wine-producing regions.

adj. easy to see, discover or understand

94. One light year is nearly 6 _____ miles.

n. the number 1,000,000,000,000; a million million

95. We should _____ the troops at the front line.

v. to strengthen or support something, especially by adding another material to it; to make emotion, idea, etc. stronger

96. He was exhausted and _____ into bed as soon as he got home.

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

97. The exam was _____ tricky for everyone.

adv. in a way that causes amazement or wonder

98. The _____ has largely gotten positive feedback.

n. an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

99. The mobile application industry is _____ changing.

adv. all the time

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

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

101. These heavy rains caused flash _____ on several islands.

n. a large amount of water flowing beyond its normal limits; an overwhelming number or amount

ANSWERS: 93. obvious, 94. trillion, 95. reinforce, 96. rolled, 97. surprisingly, 98. novel, 99. constantly, 100. capita, 101. floods

102. It finally _____ that an employee had stolen the missing money.

v. to happen or be revealed

103. The break in the ____ threatened the valley.

n. a wall constructed over a river to block the flow of water, mainly used to generate energy

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

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

105. After their car broke down, the family was _____ on the side of the highway for hours.

adj. left in a difficult or helpless position without access to help or resources; unable to move or proceed

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

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

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

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

108. The government promised to _____ a new system to control the financial crisis.

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

109. 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

ANSWERS: 102. transpired, 103. dam, 104. equivalent, 105. stranded, 106. nation, 107. generate, 108. implement, 109. planet

110. The shuttle _____ trained for months before embarking on the space mission.

n. a person trained by a space agency to travel outside the Earth's atmosphere

111. It is not _____ and inefficient to complete many tasks at once.

adj. capable of being or likely to be made, done, or achieved

112. Competition between countries resulted in fast technological _____.

n. the development, improvement, or progress of something

113. The rain rapidly soaked into the _____ soil.

adj. covered with or containing sand; (especially of hair color) pale yellowish to yellowish brown

114. The medicine helped _____ her pain and discomfort.

v. to make an unpleasant feeling, such as pain or distress, less intense; to satisfy or ease a desire or appetite

115. The new washing machine is much more _____ than the old one.

adj. performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

116. 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

117. The _____ jets gradually dominate the world's airlines.

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

ANSWERS: 110. astronaut, 111. feasible, 112. advancement, 113. sandy, 114. assuage, 115. efficient, 116. innovation, 117. giant

118. Aging societies tend to require huge costs for _____ maintenance.
- n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
119. I will go to the _____ store to buy food for dinner.
- n.* a shop that sells food and other household items
120. This automatic door could no longer be opened due to a _____ failure.
- n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner

ANSWERS: 118. infrastructure, 119. grocery, 120. sensor