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Vocabulary Builder Reference from...

Natalie Panek: Let's clean up the space junk orbiting Earth | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

- rely**
- v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
- synonym* : depend, count, lean
- (1) **rely** on convenience stores, (2) **rely** entirely on him
- Babies heavily **rely** on others for food.
- indirectly**
- adv.* not going straight to the point; implying or suggesting something
- synonym* : circuitously, obliquely, by implication
- (1) **indirectly** related, (2) **indirectly** impact
- The CEO **indirectly** expressed her disappointment with the project's progress.
- 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.

grant

v. to agree to give or allow somebody

synonym: allocate, authorize, give

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

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

deserve

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

synonym: merit, earn, justify

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

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

occupy

v. to consume all of someone's space, attention, or time

synonym: inhabit, settle, populate

(1) **occupy** his time, (2) **occupy** a position

The young prince will soon **occupy** the throne.

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.

entertainment

n. public shows, films, television, or other performances or activities of enjoying people

synonym: amusement, recreation, enjoyment

(1) an elegant **entertainment**, (2) hour of **entertainment**

The hotel is famous for its **entertainment**, including the casino.

communicate

v. to share or exchange information with others by speaking, writing, moving your body, or using other signals

synonym: convey, share, transmit

(1) **communicate** his anxieties to the psychiatrist,

(2) **communicate** well with my advisor

Dolphins use sound to **communicate** with each other.

agriculture

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

synonym : farming, husbandry, agribusiness

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

Agriculture is the foundation of our economy.

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**.

monitor

v. to observe, check, and track the progress or quality of something over a period of time

synonym : proctor, check, observe

(1) **monitor** an exam, (2) **monitor** the data carefully

They used a special receiver to **monitor** police radio channels.

navigation

n. the act of directing a ship or airplane from place to place; advice or information intended to resolve a problem or challenge, especially as given by someone in authority

synonym : sailing, seafaring, pilotage

(1) **navigation** system, (2) visual **navigation**

The plane's **navigation** system had problems, which mechanics found.

finite

adj. having a limit or restriction of size, time, etc.

synonym : delimited, defined, limited

(1) **finite** resources, (2) **finite** decimal

Human beings have a **finite** lifespan, so we yearn for the

idea of immortality.

propellant

n. a substance that provides the force to propel (= to cause something to move forwards) something, such as a rocket or spray can

synonym : fuel, driving force, impelling agent

(1) **propellant** mixture, (2) **propellant** tank

The **propellant** in the rocket provided the force needed to reach outer space.

malfunction

v. to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate

synonym : misfunction, break down, fail

(1) **malfunction** alarm, (2) **malfunction** and start moving unpredictably

The car's engine **malfunctioned** on the highway, so we had to call for a tow truck.

naturally

adv. as might be expected; by natural manners

synonym : by nature, inherently, intrinsically

(1) **naturally** arising, (2) **naturally** regenerated forest

He was **naturally** gifted.

junk

n. discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition

synonym : trash, debris, waste

(1) **junk** mail, (2) hunk of **junk**

I need to clear out some of the **junk** in my garage.

clutter

n. to fill a room or place with so many items that it becomes messy

synonym : mess, chaos, jumble

(1) in a **clutter**, (2) clear desk **clutter**

He accused the tenants of leaving **clutter** and breaking the security camera.

orbit

n. the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels

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**.

highway

n. a main road, especially one connecting major towns or cities

synonym : road, expressway, freeway

(1) **highway** system, (2) an interstate **highway**

I'm going to take the **highway** to get to my destination faster.

errand

n. a short trip that is taken to perform a specified task, such as to take a message or to take or collect something

synonym : task, chore

(1) **errand** boy, (2) run an **errand**

He sent me on an **errand**.

crank

n. a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person

synonym : eccentric, oddball, kook

(1) **crank** handle, (2) **crank** caller

The fishing reel had a **crank** that made it easy to reel in the catch.

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.

breeze

n. a gentle wind that is not very strong or forceful, typically cool and refreshing

synonym : wind, gust, puff

(1) a **breeze** from an open window, (2) fresh ocean **breeze**
The summer **breeze** was refreshing after the hot day.

suddenly

adv. quickly and unexpectedly

synonym : abruptly, unexpectedly, unawares

(1) **suddenly** attacked by an enemy, (2) die **suddenly**
Who answers **suddenly** knows little.

stutter

v. to speak with sudden involuntary pauses or repetitions of sounds, syllables, or words; (noun) a speech disorder characterized by the repetition or prolongation of sounds, syllables, or words, or by pauses or blocks in speech

synonym : stammer, falter, stumble

(1) **stutter** speech, (2) **stutter** out an apology

He tends to **stutter** when he gets nervous, making it difficult for others to understand him.

stall

v. to stop or cause to stop making progress; (noun) small area or booth set off for the sale of goods in a market or large covered area

synonym : halt, hamper, (noun) cubicle

(1) **stall** at sea, (2) **stall** in a tunnel

The negotiations proceeded slowly and finally **stalled**.

abandon

v. to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity

synonym : relinquish, leave behind, disregard

(1) **abandon** a friend, (2) **abandon** the practice

The castle was **abandoned** several years later.

lane

n. a narrow road in the countryside; a well-defined track or path for someone such as a swimmer or driver

synonym : roadway, street, artery

(1) **lane** change, (2) first **lane**

We walked along a muddy **lane** to reach the farm.

traffic

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

synonym : congestion, jam, flow

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

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

useless

adj. not serving any useful purpose; having no practical result

synonym : ineffectual, unhelpful, worthless

(1) **useless** information, (2) **useless** in the kitchen

The old, rusty tools were now **useless** and had to be thrown away.

hunk

n. a large, strong, attractive man; a large piece or chunk, especially meat

synonym : muscleman, stud, gob

(1) muscular **hunk**, (2) **hunk** of cheese

She couldn't stop staring at the **hunk** on the magazine cover.

transport

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

synonym : shipment, transit, conveyance

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

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

roadway

n. the part of a thoroughfare or highway that is used by vehicles for driving, including the hard surface and shoulders

synonym : highway, street, thoroughfare

(1) busy **roadway**, (2) **roadway** asphalt

Cyclists are not allowed on the highway **roadway** for safety reasons.

debris

n. broken or torn fragments of something

synonym: remains, remnants, garbage

(1) space **debris**, (2) pile of **debris**

Marine **debris** is a major continuous global problem.

strew

v. to scatter or spread things over an area; to scatter something in an untidy way

synonym: scatter, sprinkle, disperse

(1) **strew** the room with balloons, (2) **strew** garbage

The wind **strew** the leaves all over the lawn.

collision

n. an instance of two or more objects or entities crashing into each other, usually resulting in damage, impact, or conflict

synonym: crash, impact, smash

(1) **collision** detection, (2) come into **collision** with my friend

The **collision** of tectonic plates can result in new mountain ranges, such as the Himalayas or the Alps.

obstacle

n. a thing that blocks one's way or prevents or hinders progress

synonym: hindrance, barrier, block

(1) an **obstacle** to progress, (2) **obstacle** avoidance

The **obstacle** course was challenging but fun.

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.

industrious

adj. hardworking, diligent, and persistent in effort

synonym: diligent, hardworking, assiduous

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

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

temporary

adj. not lasting or be used for a very long

synonym: provisional, short-term, interim

(1) a **temporary** permit, (2) **temporary** housing

He managed to get **temporary** jobs during the recession.

enforce

v. to make sure that people obey a particular law, rule, or situation

synonym: execute, implement, administer

(1) **enforce** the law, (2) **enforce** a contract

Governments make rules, and police **enforce** them.

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.

attempt

n. an act or effort of trying to do something, especially something difficult

synonym: endeavor, effort, try

(1) the **attempt** to rescue the hostages, (2) a reckless **attempt**

The third **attempt** was far more successful.

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**.

possibility

n. a chance that something may happen or be true
synonym : chance, prospect, likelihood

(1) **possibility** for growth, (2) **possibility** of a major earthquake

The **possibility** of getting the disease will drastically increase.

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.

altitude

n. the height of an object or point in relation to sea level or ground level

synonym : height, elevation, tallness

(1) the meridian **altitude**, (2) low **altitude**

The plane flew at a high **altitude** to avoid turbulence.

buffet

n. a meal where guests serve themselves from a counter or sideboard

synonym : sideboard, counter, smorgasbord

(1) **buffet** style, (2) have a **buffet** meal

The **buffet** at the hotel had a wide variety of food options.

atmosphere

n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

synonym : air, ambiance, circumstances

(1) carbon dioxide in the **atmosphere**, (2) a convivial **atmosphere**

The spaceship began to burn up as it approached the Earth's **atmosphere**.

decay

n. the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi;
(verb) to rot or decompose through natural causes

synonym : corrosion, decomposition, deterioration

(1) radioactive **decay**, (2) prevent tooth **decay**

The dead body was in an advanced state of **decay**.

eventually

adv. finally, particularly after a long time or a lot of struggle, complications, and so on

synonym : finally, someday, ultimately

(1) **eventually** become obsolete, (2) **eventually** succeed

The corporation **eventually** dominated the entire tobacco business.

geostationary

n. describes a satellite that revolves around the Earth in a fixed position about the planet's rotation; remaining above the same point on the equator

synonym : fixed, stationary, orbiting

(1) **geostationary** orbit, (2) **geostationary** position

The **geostationary** satellite remained in a fixed position in the sky.

rot

v. to decay, or cause something to decay, naturally and gradually

synonym : perish, decay, corrode

(1) begin to **rot**, (2) **rot** with age

Please refrigerate the meat, or it will **rot**.

broadcast

v. to send out a program or some information on radio or television

synonym : air, announce, advertise

(1) **broadcast** a concert, (2) **broadcast** a radio ad

Most of the programs are **broadcast** in this area.

graveyard

n. a cemetery, especially one in a churchyard

synonym : cemetery, burial ground, churchyard

(1) **graveyard** of life, (2) bodies in a **graveyard**

The ancestral **graveyard** was peaceful, with rows of headstones and tall trees.

ominous

adj. giving the impression that something bad is going to happen; foreboding

synonym : foreboding, portentous, ominous

(1) an **ominous** silence, (2) **ominous** sign

The **ominous** clouds in the sky foretold of an approaching storm.

dispose

v. to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away

synonym : get rid of, arrange, set

(1) **dispose** battleships for a battle, (2) **dispose** of a used product

Generally speaking, the child is innately **disposed** to learn a language.

intentionally

adv. in a planned or intended way

synonym : knowingly, calculatedly, deliberately

(1) she hit him **intentionally**, (2) She **intentionally** spread misleading information.

She would never **intentionally** hurt anyone.

addition

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

synonym : accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors

In **addition**, private corporations provide healthcare services.

marble

n. a hard crystalline metamorphic rock that has a pattern of lines going through it and takes a high polish used for sculpture and as building material; a small ball made of stone, especially one used in children's games

synonym : stone, rock, sphere

(1) **marble** statues, (2) artificial **marble**

The floor was made of white and black **marble** arranged in a checkerboard pattern.

chip

n. a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
synonym: flake, fragment, chunk

(1) a **chip** of wood, (2) I don't care a **chip**

We can use this campaign as a bargaining **chip** in the negotiations.

increasingly

adv. more and more

synonym: more and more, progressively

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

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

worrisome

adj. causing worry, trouble, or anxiety; indicating the possible presence of danger, difficulty, or harm

synonym: concerning, troubling, bothersome

(1) **worrisome** issue, (2) **worrisome** development

The **worrisome** news about the impending storm caused many people to evacuate.

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.

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.

recommendation

n. an official suggestion that something is good or suitable for a particular purpose or job

synonym: guidance, advice, suggestion

(1) follow his **recommendations**, (2) a letter of **recommendation**

We made a **recommendation** to the client.

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.

mandate

n. an official or authoritative instruction or command; a commission or authority to carry out a particular task

synonym: command, instruction, authority

(1) **mandate** obligation, (2) an Imperial **mandate**

The **mandate** given to the new government is to improve the economy.

guideline

n. a general rule or principle that provides guidance to appropriate behavior; a piece of advice or instructions that tell you how something should be done or what something should be

synonym: policy, direction, protocol

(1) an education **guideline**, (2) **guideline** for clinical trial

This book will be a practical **guideline** when coding.

bind

v. to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly

synonym : tie, stick to, adhere

(1) **bind** the man's hands, (2) **bind** old letters into a bundle
The company's rules **bind** the employee's working hours.

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.

mechanism

n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

synonym : means, method, system

(1) the **mechanism** for DNA replication, (2) defense **mechanism**

He discovered unique **mechanisms** for photochemical reactions.

proactive

adj. acting in advance to deal with an expected difficulty or to take advantage of an opportunity.

synonym : gung-ho, anticipatory, forward-thinking

(1) **proactive** approach, (2) **proactive** about doing the task

The company implemented **proactive** measures to prevent future issues.

responsible

adj. answerable or accountable for something within one's power, control, or management

synonym : accountable, answerable, liable

(1) **responsible** action, (2) **responsible** for a customer service

She's a **responsible** pet owner who ensures her dog gets enough exercise and a healthy diet.

mount

v. to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone

synonym: climb, increase, get on

(1) **mount** a hill, (2) **mount** a counterattack

They **mounted** pictures on the paper in preparation for the birthday card.

comparison

n. the consideration or examination of the similarities between two or more people or things

synonym: equivalence, analogy, contrast

(1) ease of **comparison**, (2) **comparison** of foods on a caloric basis

I've included the two designs for a **comparison**.

interact

v. to communicate or react with somebody

synonym: cooperate, combine, collaborate

(1) **interact** directly with customers, (2) **interact** with one another

He should **interact** more with his colleagues.

dubious

adj. having doubts or reservations; uncertain

synonym: uncertain, questionable, skeptical

(1) **dubious** credibility, (2) direct a **dubious** look

The evidence presented in court had a **dubious** origin, raising questions about its authenticity.

garbage

n. waste material, especially food waste and kitchen refuse

synonym: waste, trash, debris

(1) **garbage** collection, (2) lump of **garbage**

The **garbage** truck will be coming to pick up the trash every Monday morning.

dump

v. to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly

synonym: throw away, dispose

(1) **dump** the gravel on the road, (2) **dump** hazardous waste

The company **dumped** him after several years of service.

conquest

n. the act or process of taking control of a country, area, or situation

synonym: subjugation, domination, mastery

(1) imperial **conquest**, (2) make a **conquest**

He continued to grow his empire through **conquest**.

peak

n. the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain

synonym: summit, vertex, apex

(1) at **peak** hour, (2) the **peak** current in the circuit

This measurement aims to reduce traffic at **peak** periods.

rub

v. to move one's hand or an object over the surface of something with pressure

synonym: scrub, massage, stroke

(1) **rub** shoulders, (2) **rub** a glass window

She **rubbed** the sore spot on her leg to ease the pain.

speculate

v. to form a theory or conjecture or guess about a subject without solid evidence

synonym: assume, conjecture, infer

(1) **speculate** about the reason, (2) **speculate** on the outcome

He **speculated** that this investment would lead to success.

crack

v. to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

synonym: snap, burst, break

(1) **crack** an eggshell, (2) a **crack** in a board

He that would eat the kernel must **crack** the nut.

strict

adj. strongly limiting someone's freedom; allowing no deviation from a standard, rule, belief, etc.

synonym : rigorous, inflexible, relentless

(1) **strict** compliance regime, (2) in **strict** secrecy

Too **strict** a regulation for the private sector will stifle innovation.

enforcement

n. the act of ensuring that rules, regulations, or laws are obeyed or implemented; the act of applying force or pressure to compel compliance with rules or laws

synonym : implementation, application, execution

(1) **enforcement** action, (2) **enforcement** officer

The **enforcement** of the new traffic laws led to a decrease in accidents.

penalty

n. a punishment for violating a law, rule, or contract

synonym : punishment, sentence, fine

(1) death **penalty**, (2) corner of the **penalty** area

The lawyer was reinstated after paying the **penalty**.

obligation

n. the state of being morally or legally bound to do or pay something

synonym : burden, commitment, debt

(1) a deep **obligation**, (2) pay an **obligation**

You are under no **obligation** to finish the job.

persuade

v. to convince or induce someone to do something by presenting a reason or argument; to sway or influence someone's decision or opinion

synonym : convince, influence, sway

(1) attempt to **persuade**, (2) **persuade** enough people

She tried to **persuade** her brother to join her on the trip, but he was too busy with work.

expedition

n. a journey or voyage for a specific purpose

synonym : journey, trip, voyage

(1) **expedition** team, (2) a polar **expedition**

The **expedition** to the Amazon jungle was both exciting and challenging.

voluntary

adj. done of one's own free will; without being forced or coerced

synonym: voluntary, self-willed, spontaneous

(1) **voluntary** action, (2) **voluntary** participation

The program is **voluntary**, so participants can choose whether or not to take part.

cleanup

n. an act or process of cleaning up a particular area, space, or mess; the removal of dirt, debris, or other unwanted materials

synonym: tidying up, cleaning, maintenance

(1) **cleanup** crew, (2) roadside **cleanup**

After the party, a massive **cleanup** was needed to restore the house.

independence

n. freedom from another's or others' control or influence

synonym: freedom, liberty, autonomy

(1) financial **independence**, (2) **independence** ceremony

There is nothing more valuable than **independence** and freedom.

intention

n. something you want to do and are going to do

synonym: purpose, connotation, will

(1) **intention** behind his decision, (2) clear **intention**

Our CEO's **intentions** are always transparent and straightforward.

conservation

n. the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity

synonym: preservation, protection, saving

(1) soil **conservation**, (2) the **conservation** law of physics

The forest was recently designated a **conservation** area.

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.

inadequate

adj. not sufficient or enough

synonym: insufficient, lacking, lacking enough

(1) an **inadequate** income, (2) **inadequate** funding

The small budget was **inadequate** to cover all the necessary expenses for the project.

component

n. one of several parts that combines with others to form something bigger

synonym: element, part, factor

(1) key **component**, (2) spare **components** for cars

The researchers try to discover a common **component** in all types of successful organizations.

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.

regardless

adv. not paying attention or considering something or someone even if the situation is bad or there are difficulties

synonym: anyhow, nevertheless, still

(1) **regardless** of the difficulties, (2) **regardless** tread

People can pick out superior products **regardless** of the quality of the advertising.

recycle

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

synonym: reclaim, reuse, reprocess

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

into new paper

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

manufacture

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

synonym: create, fabricate, assemble

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

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

deposit

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

synonym: bank, installment, sedimentation

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

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

disposed

adj. inclined or willing to do something

synonym: prepared, inclined, apt

(1) he is evilly **disposed**, (2) **disposed** of without being eaten

I'm **disposed** to agree with your opinion.

prop

n. a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

synonym: support, buttress, column

(1) emotional **prop**, (2) **prop** stick

We have finally lost our last **prop**.

quota

n. a limited amount or share of something assigned or allocated; a restriction on the number of people or goods that can enter or leave a country

synonym: allotment, share, portion

(1) an import **quota**, (2) admission **quota**

Each country was given a **quota** for the fish they were allowed to catch.

accelerate

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

synonym: speed up, quicken, rev

(1) **accelerate** a chemical reaction, (2) **accelerate** the car
The government tried to **accelerate** the commercialization of this development.

encouraging

adj. giving hope, confidence, or support; inspiring

synonym: uplifting, inspiring, optimistic

(1) **encouraging** approval, (2) **encouraging** sign
The test results were **encouraging** and showed improvement.

drag

v. to pull or haul with force

synonym: haul, pull, draw

(1) **drag** a chair over, (2) **drag** a team down
He **dragged** the heavy suitcase behind him as he walked.

laser

n. a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

synonym: beam, bar, ray

(1) **laser** printer, (2) pulse **laser**
The company holds patents on core components of **laser** jet printers.

tug

v. to pull something quickly and hard, often several times

synonym: draw, jerk, pull

(1) **tug** a rope, (2) **tug** at his hand
This movie **tugs** at everyone's heartstrings.

tether

v. to tie or secure an animal, person, or object with a rope, chain, or other similar devices to prevent it from moving

too far away; (noun) a rope or chain used to tie up or restrain an animal, such as a horse or dog

synonym : tie, fasten, secure

(1) **tether** a horse, (2) **tether** strap

The hiker **tethered** their dog to a tree while they camped for the night.

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.

tow

v. to pull or haul something along by means of a rope, chain, or other devices, typically using a vehicle as the source of power

synonym : haul, drag, pull

(1) **tow** a disabled vehicle, (2) **tow** a boat

I had to **tow** my car to the mechanic after it broke down.

mechanics

n. the branch of physics that deals with the study of motion, forces, and energy; (mechanic) someone whose occupation is repairing and maintaining automobiles

synonym : kinematics, dynamics

(1) **mechanics** equation, (2) **mechanics** of the game

He studied **mechanics** in college and now works as an engineer.

robotic

adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

synonym : automated, mechanical, laborsaving

(1) **robotic** arm, (2) **robotic** guide operation

The surgeon removed the tumor using **robotic** video assistance.

refuel

v. to put additional fuel into a plane, ship, car, etc.

(1) **refuel** air-to-air, (2) **refuel** bombers in flight
Our plane stopped in the country to **refuel**.

chemical

adj. relating to or connected with chemistry;
synonym : chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound
The firm has grown into a large **chemical** manufacturing.

propulsion

n. the act or process of propelling or driving something forward, often using a motor, engine, or other mechanical means

synonym : propelling, driving, actuation

(1) **propulsion** technology, (2) nuclear **propulsion**
The spacecraft's **propulsion** system helped it travel through space.

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

maintenance

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

synonym : care, perpetuation, support

(1) the **maintenance** of the car, (2) **maintenance** work
We have decided to extend our **maintenance** contract until next year.

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.

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.

sustainable

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

synonym: continuable, enduring, tolerable

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

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

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.

boundary

n. a real or imaginary line that marks the limit or extent of something and separates it from other things or places

synonym: border, frontier, limitation

(1) geographical **boundary**, (2) the **boundary** between reality and fantasy

He wandered the **boundary** between life and death by gunfire.

threshold

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

synonym: anteroom, brink, verge

(1) the **threshold** between rooms, (2) high pain **threshold**
She's on the **threshold** of adulthood.

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.

doubt

n. a feeling of being uncertain about something, especially about how good or accurate it is

synonym: distrust, suspect, mistrust

(1) dispel **doubts**, (2) no **doubt** about the news

Doubt is the start, not the end, of intelligence.

congest

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

synonym: clog, choke, crowd

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

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

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.

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.

brehtaking

adj. extremely impressive, stunning, awe-inspiring, or emotionally overwhelming

synonym: stunning, awe-inspiring, magnificent

(1) **brehtaking** view, (2) **brehtaking** performance

The sunset over the ocean was truly **brehtaking**.

gateway

n. an entrance, door, or other openings that lead to a larger space, particularly one that serves as an entry point or access point to a larger area or system; a route, means, or method used to gain access to or acquire something

synonym: portal, entrance, access

(1) **gateway** drug, (2) airport **gateway**

The **gateway** to the city was a beautiful archway made of stone.

Session 2: Spelling

- | | | |
|--------------------------------|------|--|
| 1. sp_____te about the reason | v. | to form a theory or conjecture or guess about a subject without solid evidence |
| 2. st_____r speech | v. | to speak with sudden involuntary pauses or repetitions of sounds, syllables, or words; (noun) a speech disorder characterized by the repetition or prolongation of sounds, syllables, or words, or by pauses or blocks in speech |
| 3. cr__y about cars and racing | adj. | stupid or not sensible; very angry |
| 4. enf _____nt officer | n. | the act of ensuring that rules, regulations, or laws are obeyed or implemented; the act of applying force or pressure to compel compliance with rules or laws |
| 5. man _____re a product | v. | to make goods in large numbers, usually in a factory using machines |
| 6. ma___e statues | n. | a hard crystalline metamorphic rock that has a pattern of lines going through it and takes a high polish used for sculpture and as building material; a small ball made of stone, especially one used in children's games |
| 7. corner of the pe_____y area | n. | a punishment for violating a law, rule, or contract |
| 8. oc___y a position | v. | to consume all of someone's space, attention, or time |

ANSWERS: 1. speculate, 2. stutter, 3. crazy, 4. enforcement, 5. manufacture, 6. marble, 7. penalty, 8. occupy

9. clear in _____ on *n.* something you want to do and are going to do
10. defense me _____ sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
11. first l__e *n.* a narrow road in the countryside; a well-defined track or path for someone such as a swimmer or driver
12. cl_____p crew *n.* an act or process of cleaning up a particular area, space, or mess; the removal of dirt, debris, or other unwanted materials
13. inc _____gly become common *adv.* more and more
14. roadside cl_____p *n.* an act or process of cleaning up a particular area, space, or mess; the removal of dirt, debris, or other unwanted materials
15. sus _____le alternative fuel *adj.* able to continue or be continued for a long time
16. d__p the gravel on the road *v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly
17. face inc _____gly complicated challenges *adv.* more and more
18. bodies in a gr_____rd *n.* a cemetery, especially one in a churchyard
19. st__w garbage *v.* to scatter or spread things over an area; to scatter something in an untidy way

ANSWERS: 9. intention, 10. mechanism, 11. lane, 12. cleanup, 13. increasingly, 14. cleanup, 15. sustainable, 16. dump, 17. increasingly, 18. graveyard, 19. strew

20. im_____nt a corporate strategy *v.* to put a decision, plan, or system into effect
21. heavy tr_____c *n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
22. space de____s *n.* broken or torn fragments of something
23. re____l bombers in flight *v.* to put additional fuel into a plane, ship, car, etc.
24. an import qu__a *n.* a limited amount or share of something assigned or allocated; a restriction on the number of people or goods that can enter or leave a country
25. organic agr_____re *n.* the practice or science of cultivating the land or raising stock
26. mo_____r an exam *v.* to observe, check, and track the progress or quality of something over a period of time
27. a deep obl_____on *n.* the state of being morally or legally bound to do or pay something
28. ex____d a line *v.* to broaden in scope, range, or area
29. dispel do__ts *n.* a feeling of being uncertain about something, especially about how good or accurate it is
30. toxic ch_____als *adj.* relating to or connected with chemistry;
31. the th_____ld between rooms *n.* the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation

ANSWERS: 20. implement, 21. traffic, 22. debris, 23. refuel, 24. quota, 25. agriculture, 26. monitor, 27. obligation, 28. extend, 29. doubt, 30. chemical, 31. threshold

32. direct a du____s look *adj.* having doubts or reservations; uncertain
33. vo_____ry participation *adj.* done of one's own free will; without being forced or coerced
34. the bo_____ry between reality and fantasy *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
35. op_____ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
36. carbon dioxide in the atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
37. the p__k current in the circuit *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
38. man_____re an enzyme *v.* to make goods in large numbers, usually in a factory using machines
39. re_____e the cardboard boxes *v.* to sort and collect things to process them and produce valuable materials that can be used again
40. a cr__y scheme *adj.* stupid or not sensible; very angry
41. ga_____e collection *n.* waste material, especially food waste and kitchen refuse
42. ind_____ly related *adv.* not going straight to the point; implying or suggesting something
43. reg_____ss of the difficulties *adv.* not paying attention or considering something or someone even if the situation is bad or there are difficulties

ANSWERS: 32. dubious, 33. voluntary, 34. boundary, 35. opportune, 36. atmosphere, 37. peak, 38. manufacture, 39. recycle, 40. crazy, 41. garbage, 42. indirectly, 43. regardless

44. lo___e a missing pet *v.* to specify or determine the exact position of someone or something
45. the meridian al____de *n.* the height of an object or point in relation to sea level or ground level
46. en____e the law *v.* to make sure that people obey a particular law, rule, or situation
47. ob____le avoidance *n.* a thing that blocks one's way or prevents or hinders progress
48. muscular h__k *n.* a large, strong, attractive man; a large piece or chunk, especially meat
49. fi___e resources *adj.* having a limit or restriction of size, time, etc.
50. r_b shoulders *v.* to move one's hand or an object over the surface of something with pressure
51. sp_____te on the outcome *v.* to form a theory or conjecture or guess about a subject without solid evidence
52. the at____t to rescue the hostages *n.* an act or effort of trying to do something, especially something difficult
53. nav_____on system *n.* the act of directing a ship or airplane from place to place; advice or information intended to resolve a problem or challenge, especially as given by someone in authority
54. t_g at his hand *v.* to pull something quickly and hard, often several times
55. spa_____ft launch *n.* a vehicle designed to travel through space, typically carrying astronauts or scientific instruments

ANSWERS: 44. locate, 45. altitude, 46. enforce, 47. obstacle, 48. hunk, 49. finite, 50. rub, 51. speculate, 52. attempt, 53. navigation, 54. tug, 55. spacecraft

56. a fence sur_____ng a castle *adj.* that is near or around, or closely encircling something
57. j__k mail *n.* discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition
58. biomass f__l *n.* a substance that is typically burned to generate heat or energy
59. mal_____on alarm *v.* to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate
60. major pa_____gm shift *n.* a standard or typical example of something; a pattern or model
61. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
62. co_____t in a vein *v.* to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid
63. bre_____ing performance *adj.* extremely impressive, stunning, awe-inspiring, or emotionally overwhelming
64. an ina_____te income *adj.* not sufficient or enough
65. ease of com_____on *n.* the consideration or examination of the similarities between two or more people or things
66. enf_____nt action *n.* the act of ensuring that rules, regulations, or laws are obeyed or implemented; the act of applying force or pressure to compel compliance with rules or laws

ANSWERS: 56. surrounding, 57. junk, 58. fuel, 59. malfunction, 60. paradigm, 61. complexity, 62. congest, 63. breathtaking, 64. inadequate, 65. comparison, 66. enforcement

67. r__l a ball *v.* to move in a particular direction by turning over and over or from side to side
68. r__y on convenience stores *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
69. us____s information *adj.* not serving any useful purpose; having no practical result
70. 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.
71. pro____nt tank *n.* a substance that provides the force to propel (= to cause something to move forwards) something, such as a rocket or spray can
72. eve____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
73. fr____cy band *n.* an ordered array of colors into which a light beam can be split
74. low al____de *n.* the height of an object or point in relation to sea level or ground level
75. ga____y drug *n.* an entrance, door, or other openings that lead to a larger space, particularly one that serves as an entry point or access point to a larger area or system; a route, means, or method used to gain access to or acquire something

ANSWERS: 67. roll, 68. rely, 69. useless, 70. satellite, 71. propellant, 72. eventually, 73. frequency, 74. altitude, 75. gateway

76. re___l air-to-air *v.* to put additional fuel into a plane, ship, car, etc.
77. mo__t a hill *v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
78. 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; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels
79. emotional p__p *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
80. t_w a boat *v.* to pull or haul something along by means of a rope, chain, or other devices, typically using a vehicle as the source of power
81. di____ed of without being eaten *adj.* inclined or willing to do something
82. a c__p of wood *n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
83. h__k of cheese *n.* a large, strong, attractive man; a large piece or chunk, especially meat

ANSWERS: 76. refuel, 77. mount, 78. orbit, 79. prop, 80. tow, 81. disposed, 82. chip, 83. hunk

84. artificial ma___e *n.* a hard crystalline metamorphic rock that has a pattern of lines going through it and takes a high polish used for sculpture and as building material; a small ball made of stone, especially one used in children's games
85. enc_____ng sign *adj.* giving hope, confidence, or support; inspiring
86. admission qu__a *n.* a limited amount or share of something assigned or allocated; a restriction on the number of people or goods that can enter or leave a country
87. re_____e milk packaging into new paper *v.* to sort and collect things to process them and produce valuable materials that can be used again
88. om_____s sign *adj.* giving the impression that something bad is going to happen; foreboding
89. no do__t about the news *n.* a feeling of being uncertain about something, especially about how good or accurate it is
90. d__p hazardous waste *v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly
91. na___n-state *n.* a large organized community of people living in a particular country or region and having a particular culture
92. She int_____lly spread misleading information. *adv.* in a planned or intended way
93. access to public tr_____rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on

ANSWERS: 84. marble, 85. encouraging, 86. quota, 87. recycle, 88. ominous, 89. doubt, 90. dump, 91. nation, 92. intentionally, 93. transport

94. mo____r the data carefully *v.* to observe, check, and track the progress or quality of something over a period of time
95. geo_____ary position *n.* describes a satellite that revolves around the Earth in a fixed position about the planet's rotation; remaining above the same point on the equator
96. death pe_____y *n.* a punishment for violating a law, rule, or contract
97. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
98. bu___t style *n.* a meal where guests serve themselves from a counter or sideboard
99. clear desk cl_____r *n.* to fill a room or place with so many items that it becomes messy
100. airport ga_____y *n.* an entrance, door, or other openings that lead to a larger space, particularly one that serves as an entry point or access point to a larger area or system; a route, means, or method used to gain access to or acquire something
101. the me_____sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
102. I don't care a c___p *n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
103. me_____cs of the game *n.* the branch of physics that deals with the study of motion, forces, and energy; (mechanic) someone whose occupation is repairing and maintaining automobiles

ANSWERS: 94. monitor, 95. geostationary, 96. penalty, 97. eventually, 98. buffet, 99. clutter, 100. gateway, 101. mechanism, 102. chip, 103. mechanics

104. ro____c guide operation *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
105. make a co____st *n.* the act or process of taking control of a country, area, or situation
106. r_t with age *v.* to decay, or cause something to decay, naturally and gradually
107. en____e a contract *v.* to make sure that people obey a particular law, rule, or situation
108. re____e a phone *v.* to take the place of something
109. a polar exp____on *n.* a journey or voyage for a specific purpose
110. in____te the quality of his life *v.* to introduce new methods, ideas, or products
111. radioactive de__y *n.* the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes
112. he is evilly di____ed *adj.* inclined or willing to do something
113. pro____nt mixture *n.* a substance that provides the force to propel (= to cause something to move forwards) something, such as a rocket or spray can
114. st__t compliance regime *adj.* strongly limiting someone's freedom; allowing no deviation from a standard, rule, belief, etc.

ANSWERS: 104. robotic, 105. conquest, 106. rot, 107. enforce, 108. replace, 109. expedition, 110. innovate, 111. decay, 112. disposed, 113. propellant, 114. strict

115. intensive agr_____re *n.* the practice or science of cultivating the land or raising stock
116. te___r strap *v.* to tie or secure an animal, person, or object with a rope, chain, or other similar devices to prevent it from moving too far away; (noun) a rope or chain used to tie up or restrain an animal, such as a horse or dog
117. ab_____n a friend *v.* to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity
118. de_____t money *n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force
119. ina_____te funding *adj.* not sufficient or enough
120. high fr_____cy *n.* an ordered array of colors into which a light beam can be split
121. pile of de___s *n.* broken or torn fragments of something
122. co_____on detection *n.* an instance of two or more objects or entities crashing into each other, usually resulting in damage, impact, or conflict
123. the con_____ion law of physics *n.* the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity
124. su_____ly attacked by an enemy *adv.* quickly and unexpectedly

ANSWERS: 115. agriculture, 116. tether, 117. abandon, 118. deposit, 119. inadequate, 120. frequency, 121. debris, 122. collision, 123. conservation, 124. suddenly

125. mal_____on and start moving unpredictably *v.* to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate
126. la__r printer *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
127. lump of ga_____e *n.* waste material, especially food waste and kitchen refuse
128. di_____e of a used product *v.* to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away
129. key co_____nt *n.* one of several parts that combines with others to form something bigger
130. nuclear pro_____on *n.* the act or process of propelling or driving something forward, often using a motor, engine, or other mechanical means
131. acc_____te the car *v.* to make something faster or earlier; to cause to develop or progress more quickly
132. imperial co_____st *n.* the act or process of taking control of a country, area, or situation
133. d__g a chair over *v.* to pull or haul with force
134. attempt to pe_____de *v.* to convince or induce someone to do something by presenting a reason or argument; to sway or influence someone's decision or opinion

ANSWERS: 125. malfunction, 126. laser, 127. garbage, 128. dispose, 129. component, 130. propulsion, 131. accelerate, 132. conquest, 133. drag, 134. persuade

135. te_____ry housing *adj.* not lasting or be used for a very long
136. high pain th_____ld *n.* the floor or ground that forms the bottom of a doorway and offers support when passing through a doorway; the smallest detectable sensation
137. geo_____ary orbit *n.* describes a satellite that revolves around the Earth in a fixed position about the planet's rotation; remaining above the same point on the equator
138. alien spa_____ft *n.* a vehicle designed to travel through space, typically carrying astronauts or scientific instruments
139. begin to r_t *v.* to decay, or cause something to decay, naturally and gradually
140. ind_____us student *adj.* hardworking, diligent, and persistent in effort
141. pr_____ve about doing the task *adj.* acting in advance to deal with an expected difficulty or to take advantage of an opportunity.
142. na_____ly arising *adv.* as might be expected; by natural manners
143. de_____e this prize *v.* to be worthy of or entitled to something, especially something good or valuable
144. an elegant ent_____ent *n.* public shows, films, television, or other performances or activities of enjoying people
145. ma_____e obligation *n.* an official or authoritative instruction or command; a commission or authority to carry out a particular task

ANSWERS: 135. temporary, 136. threshold, 137. geostationary, 138. spacecraft, 139. rot, 140. industrious, 141. proactive, 142. naturally, 143. deserve, 144. entertainment, 145. mandate

146. inn_____on leader *n.* the creation of a new device or process resulting from study and experimentation
147. at p__k hour *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
148. cr__k handle *n.* a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person
149. b__d the man's hands *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
150. br_____st a concert *v.* to send out a program or some information on radio or television
151. na_____ly regenerated forest *adv.* as might be expected; by natural manners
152. an interstate hi_____y *n.* a main road, especially one connecting major towns or cities
153. te____r a horse *v.* to tie or secure an animal, person, or object with a rope, chain, or other similar devices to prevent it from moving too far away; (noun) a rope or chain used to tie up or restrain an animal, such as a horse or dog
154. gr__t a new license *v.* to agree to give or allow somebody
155. de_____t accumulation *n.* a sum of money or materials placed or kept in a bank, safety deposit box, or other secure places for safekeeping; a layer of rock, sand, or other material left behind by a flowing liquid or eroding force

ANSWERS: 146. innovation, 147. peak, 148. crank, 149. bind, 150. broadcast, 151. naturally, 152. highway, 153. tether, 154. grant, 155. deposit

156. st__l at sea
v. to stop or cause to stop making progress; (noun) small area or booth set off for the sale of goods in a market or large covered area
157. br_____st a radio ad
v. to send out a program or some information on radio or television
158. du_____s credibility
adj. having doubts or reservations; uncertain
159. an op_____ne remark
adj. suitable or happening at a time that is suitable or convenient for a particular purpose
160. die su_____ly
adv. quickly and unexpectedly
161. r_b a glass window
v. to move one's hand or an object over the surface of something with pressure
162. a br___e from an open window
n. a gentle wind that is not very strong or forceful, typically cool and refreshing
163. reg_____ss tread
adv. not paying attention or considering something or someone even if the situation is bad or there are difficulties
164. visual nav_____on
n. the act of directing a ship or airplane from place to place; advice or information intended to resolve a problem or challenge, especially as given by someone in authority
165. 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; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels

ANSWERS: 156. stall, 157. broadcast, 158. dubious, 159. opportune, 160. suddenly, 161. rub, 162. breeze, 163. regardless, 164. navigation, 165. orbit

166. ind_____ly impact *adv.* not going straight to the point; implying or suggesting something
167. hunk of j__k *n.* discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition
168. run an er___d *n.* a short trip that is taken to perform a specified task, such as to take a message or to take or collect something
169. pro_____on technology *n.* the act or process of propelling or driving something forward, often using a motor, engine, or other mechanical means
170. re_____e one word with another *v.* to take the place of something
171. prevent tooth de__y *n.* the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes
172. a ch_____al compound *adj.* relating to or connected with chemistry;
173. ind_____nce ceremony *n.* freedom from another's or others' control or influence
174. cultural pa_____gm *n.* a standard or typical example of something; a pattern or model
175. tr_____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on

ANSWERS: 166. indirectly, 167. junk, 168. errand, 169. propulsion, 170. replace, 171. decay, 172. chemical, 173. independence, 174. paradigm, 175. transport

176. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
177. mo__t a counterattack *v.* to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone
178. chemical ad_____on *n.* the act or process of adding something to something else; the process of adding numbers
179. follow his rec_____ions *n.* an official suggestion that something is good or suitable for a particular purpose or job
180. pay an obl_____on *n.* the state of being morally or legally bound to do or pay something
181. cr__k caller *n.* a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person
182. 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
183. in a cl_____r *n.* to fill a room or place with so many items that it becomes messy
184. hi_____y system *n.* a main road, especially one connecting major towns or cities

ANSWERS: 176. industrious, 177. mount, 178. addition, 179. recommendation, 180. obligation, 181. crank, 182. develop, 183. clutter, 184. highway

185. financial ind_____nce *n.* freedom from another's or others' control or influence
186. ad_____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
187. ab_____n the practice *v.* to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity
188. co_____t a highway *v.* to make something blocked or crowded so as to hinder or prevent freedom of movement or flow of liquid
189. in_____ct with one another *v.* to communicate or react with somebody
190. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
191. have a bu____t meal *n.* a meal where guests serve themselves from a counter or sideboard
192. st__w the room with balloons *v.* to scatter or spread things over an area; to scatter something in an untidy way
193. in_____ct directly with customers *v.* to communicate or react with somebody
194. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
195. sur_____ng areas *adj.* that is near or around, or closely encircling something
196. in st____t secrecy *adj.* strongly limiting someone's freedom; allowing no deviation from a standard, rule, belief, etc.
197. cr__k an eggshell *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

ANSWERS: 185. independence, 186. addition, 187. abandon, 188. congest, 189. interact, 190. responsible, 191. buffet, 192. strew, 193. interact, 194. complexity, 195. surrounding, 196. strict, 197. crack

198. 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
199. st____r out an apology *v.* to speak with sudden involuntary pauses or repetitions of sounds, syllables, or words; (noun) a speech disorder characterized by the repetition or prolongation of sounds, syllables, or words, or by pauses or blocks in speech
200. a reckless at____t *n.* an act or effort of trying to do something, especially something difficult
201. exp_____on team *n.* a journey or voyage for a specific purpose
202. acc_____te a chemical reaction *v.* to make something faster or earlier; to cause to develop or progress more quickly
203. ex___d the warranty *v.* to broaden in scope, range, or area
204. hour of ent_____ent *n.* public shows, films, television, or other performances or activities of enjoying people
205. vo_____ry action *adj.* done of one's own free will; without being forced or coerced
206. d__g a team down *v.* to pull or haul with force
207. IT inf_____ure *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies

ANSWERS: 198. launch, 199. stutter, 200. attempt, 201. expedition, 202. accelerate, 203. extend, 204. entertainment, 205. voluntary, 206. drag, 207. infrastructure

208. tr____c jam *n.* the movement of vehicles, people, or goods along a route or through a transport system; the amount of such movement in a particular place or at a particular time
209. t_w a disabled vehicle *v.* to pull or haul something along by means of a rope, chain, or other devices, typically using a vehicle as the source of power
210. inf_____ure cost *n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
211. st__l in a tunnel *v.* to stop or cause to stop making progress; (noun) small area or booth set off for the sale of goods in a market or large covered area
212. in____te a new method *v.* to introduce new methods, ideas, or products
213. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
214. bre_____ing view *adj.* extremely impressive, stunning, awe-inspiring, or emotionally overwhelming
215. an ob____le to progress *n.* a thing that blocks one's way or prevents or hinders progress
216. smokeless f__l *n.* a substance that is typically burned to generate heat or energy

ANSWERS: 208. traffic, 209. tow, 210. infrastructure, 211. stall, 212. innovate, 213. environment, 214. breathtaking, 215. obstacle, 216. fuel

217. t_g a rope *v.* to pull something quickly and hard, often several times
218. pos_____ty of a major earthquake *n.* a chance that something may happen or be true
219. an om_____s silence *adj.* giving the impression that something bad is going to happen; foreboding
220. l__e change *n.* a narrow road in the countryside; a well-defined track or path for someone such as a swimmer or driver
221. im_____nt security measures *v.* to put a decision, plan, or system into effect
222. principles of sus_____le development *adj.* able to continue or be continued for a long time
223. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
224. wo_____me issue *adj.* causing worry, trouble, or anxiety; indicating the possible presence of danger, difficulty, or harm
225. come into co_____on with my friend *n.* an instance of two or more objects or entities crashing into each other, usually resulting in damage, impact, or conflict
226. r__y entirely on him *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
227. me_____cs equation *n.* the branch of physics that deals with the study of motion, forces, and energy; (mechanic) someone whose occupation is repairing and maintaining automobiles

ANSWERS: 217. tug, 218. possibility, 219. ominous, 220. lane, 221. implement, 222. sustainable, 223. environment, 224. worrisome, 225. collision, 226. rely, 227. mechanics

228. wo_____me development *adj.* causing worry, trouble, or anxiety; indicating the possible presence of danger, difficulty, or harm
229. 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
230. fi___e decimal *adj.* having a limit or restriction of size, time, etc.
231. lo___e a tumor *v.* to specify or determine the exact position of someone or something
232. ro_____y asphalt *n.* the part of a thoroughfare or highway that is used by vehicles for driving, including the hard surface and shoulders
233. b__d old letters into a bundle *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
234. r__l down his cheeks *v.* to move in a particular direction by turning over and over or from side to side
235. 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.
236. geographical bo_____ry *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places

ANSWERS: 228. worrisome, 229. constellation, 230. finite, 231. locate, 232. roadway, 233. bind, 234. roll, 235. satellite, 236. boundary

237. p__p stick *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
238. oc___y his time *v.* to consume all of someone's space, attention, or time
239. a seafaring na___n *n.* a large organized community of people living in a particular country or region and having a particular culture
240. a cr__k in a board *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
241. soil con_____ion *n.* the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity
242. in_____on behind his decision *n.* something you want to do and are going to do
243. pulse la__r *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
244. mai_____ce work *n.* the act or process of keeping something, either artificial materials or living things, in good condition; the money needed for a person's or family's living expenses

ANSWERS: 237. prop, 238. occupy, 239. nation, 240. crack, 241. conservation, 242. intention, 243. laser, 244. maintenance

254. enc_____ng approval *adj.* giving hope, confidence, or support; inspiring
255. la___h a big attack *v.* to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
256. de_____e respect *v.* to be worthy of or entitled to something, especially something good or valuable
257. ro_____c arm *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
258. pr_____ve approach *adj.* acting in advance to deal with an expected difficulty or to take advantage of an opportunity.
259. the mai_____ce of the car *n.* the act or process of keeping something, either artificial materials or living things, in good condition; the money needed for a person's or family's living expenses
260. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
261. pos_____ty for growth *n.* a chance that something may happen or be true
262. a te_____ry permit *adj.* not lasting or be used for a very long
263. gr__t a land *v.* to agree to give or allow somebody

ANSWERS: 254. encouraging, 255. launch, 256. deserve, 257. robotic, 258. proactive, 259. maintenance, 260. responsible, 261. possibility, 262. temporary, 263. grant

264. she hit him int_____lly *adv.* in a planned or intended way
265. pe_____de enough people *v.* to convince or induce someone to do something by presenting a reason or argument; to sway or influence someone's decision or opinion
266. gu_____ne for clinical trial *n.* a general rule or principle that provides guidance to appropriate behavior; a piece of advice or instructions that tell you how something should be done or what something should be
267. er_____d boy *n.* a short trip that is taken to perform a specified task, such as to take a message or to take or collect something
268. com_____te well with my advisor *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
269. di_____e battleships for a battle *v.* to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away
270. a convivial atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
271. an education gu_____ne *n.* a general rule or principle that provides guidance to appropriate behavior; a piece of advice or instructions that tell you how something should be done or what something should be
272. fresh ocean br_____e *n.* a gentle wind that is not very strong or forceful, typically cool and refreshing

ANSWERS: 264. intentionally, 265. persuade, 266. guideline, 267. errand, 268. communicate, 269. dispose, 270. atmosphere, 271. guideline, 272. breeze

273. a letter of rec_____ion

n. an official suggestion that something is good or suitable for a particular purpose or job

274. gr_____rd of life

n. a cemetery, especially one in a churchyard

ANSWERS: 273. recommendation, 274. graveyard

Session 3: Fill in the Blanks

1. This book will be a practical _____ when coding.
 - n.* a general rule or principle that provides guidance to appropriate behavior; a piece of advice or instructions that tell you how something should be done or what something should be

2. Eventually, the new design will _____ all older models.
 - v.* to take the place of something

3. He studied _____ in college and now works as an engineer.
 - n.* the branch of physics that deals with the study of motion, forces, and energy; (mechanic) someone whose occupation is repairing and maintaining automobiles

4. The summer _____ was refreshing after the hot day.
 - n.* a gentle wind that is not very strong or forceful, typically cool and refreshing

5. The lawyer was reinstated after paying the _____.
 - n.* a punishment for violating a law, rule, or contract

6. 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

7. The forest was recently designated a _____ area.
 - n.* the protection of something important, such as the natural environment or artificial structures, especially from the damaging effects of human activity

8. The company _____ him after several years of service.
 - v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly

ANSWERS: 1. guideline, 2. replace, 3. mechanics, 4. breeze, 5. penalty, 6. complexity, 7. conservation, 8. dumped

9. 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.
10. The employee _____ the promotion for their hard work and dedication.
- v.* to be worthy of or entitled to something, especially something good or valuable
11. The _____ to the Amazon jungle was both exciting and challenging.
- n.* a journey or voyage for a specific purpose
12. 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
13. The phone rang at the most _____ time.
- adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
14. This measurement aims to reduce traffic at _____ periods.
- n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
15. Too _____ a regulation for the private sector will stifle innovation.
- adj.* strongly limiting someone's freedom; allowing no deviation from a standard, rule, belief, etc.
16. The car's engine _____ on the highway, so we had to call for a tow truck.
- v.* to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate

ANSWERS: 9. satellite, 10. deserved, 11. expedition, 12. rolled, 13. opportune, 14. peak, 15. strict, 16. malfunctioned

17. Please refrigerate the meat, or it will ____.
- v.* to decay, or cause something to decay, naturally and gradually
18. Each country was given a _____ for the fish they were allowed to catch.
- n.* a limited amount or share of something assigned or allocated; a restriction on the number of people or goods that can enter or leave a country
19. The plane flew at a high _____ to avoid turbulence.
- n.* the height of an object or point in relation to sea level or ground level
20. The rain and thunder are _____ today.
- adj.* stupid or not sensible; very angry
21. Aging societies tend to require huge costs for _____ maintenance.
- n.* the basic systems, services, or features that are necessary for an organization or country, such as transport and power supplies
22. Her visit will _____ from Monday to Friday.
- v.* to broaden in scope, range, or area
23. The wind _____ the leaves all over the lawn.
- v.* to scatter or spread things over an area; to scatter something in an untidy way
24. Babies heavily _____ on others for food.
- v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
25. We must _____ a new system to streamline our workflow and increase efficiency.
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 17. rot, 18. quota, 19. altitude, 20. crazy, 21. infrastructure, 22. extend, 23. strew, 24. rely, 25. develop

26. The sunset over the ocean was truly _____.

adj. extremely impressive, stunning, awe-inspiring, or emotionally overwhelming

27. She's on the _____ of adulthood.

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

28. The castle was _____ several years later.

v. to leave a place, thing, or person with no intention of returning; (noun) a feeling of extreme emotional intensity

29. He should _____ more with his colleagues.

v. to communicate or react with somebody

30. The ancestral _____ was peaceful, with rows of headstones and tall trees.

n. a cemetery, especially one in a churchyard

31. _____ is the start, not the end, of intelligence.

n. a feeling of being uncertain about something, especially about how good or accurate it is

32. The hotel is famous for its _____ including the casino.

n. public shows, films, television, or other performances or activities of enjoying people

33. He discovered unique _____ for photochemical reactions.

n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

ANSWERS: 26. breathtaking, 27. threshold, 28. abandoned, 29. interact, 30. graveyard, 31. Doubt, 32. entertainment, 33. mechanisms

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

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

35. The old, rusty tools were now _____ and had to be thrown away.

adj. not serving any useful purpose; having no practical result

36. The evidence presented in court had a _____ origin, raising questions about its authenticity.

adj. having doubts or reservations; uncertain

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

adj. hardworking, diligent, and persistent in effort

38. We have finally lost our last _____.

n. a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

39. The _____ given to the new government is to improve the economy.

n. an official or authoritative instruction or command; a commission or authority to carry out a particular task

40. The robot can accurately _____ construction material.

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

41. We walked along a muddy _____ to reach the farm.

n. a narrow road in the countryside; a well-defined track or path for someone such as a swimmer or driver

ANSWERS: 34. surrounding, 35. useless, 36. dubious, 37. industrious, 38. prop, 39. mandate, 40. locate, 41. lane

42. I had to ____ my car to the mechanic after it broke down.
- v. to pull or haul something along by means of a rope, chain, or other devices, typically using a vehicle as the source of power
43. The _____ to the city was a beautiful archway made of stone.
- n. an entrance, door, or other openings that lead to a larger space, particularly one that serves as an entry point or access point to a larger area or system; a route, means, or method used to gain access to or acquire something
44. The majority of synthetic vitamins are _____ from oil.
- v. to make goods in large numbers, usually in a factory using machines
45. The researchers try to discover a common _____ in all types of successful organizations.
- n. one of several parts that combines with others to form something bigger
46. You are under no _____ to finish the job.
- n. the state of being morally or legally bound to do or pay something
47. He wandered the _____ between life and death by gunfire.
- n. a real or imaginary line that marks the limit or extent of something and separates it from other things or places
48. In _____ private corporations provide healthcare services.
- n. the act or process of adding something to something else; the process of adding numbers
49. The government tried to _____ the commercialization of this development.
- v. to make something faster or earlier; to cause to develop or progress more quickly

ANSWERS: 42. tow, 43. gateway, 44. manufactured, 45. component, 46. obligation, 47. boundary, 48. addition, 49. accelerate

50. She's a _____ pet owner who ensures her dog gets enough exercise and a healthy diet.

adj. answerable or accountable for something within one's power, control, or management

51. The hiker _____ their dog to a tree while they camped for the night.

v. to tie or secure an animal, person, or object with a rope, chain, or other similar devices to prevent it from moving too far away; (noun) a rope or chain used to tie up or restrain an animal, such as a horse or dog

52. They _____ pictures on the paper in preparation for the birthday card.

v. to increase, go up, or advance gradually or continuously; to prepare and supply with the necessary equipment for execution or performance; to ride on something or someone

53. He tends to _____ when he gets nervous, making it difficult for others to understand him.

v. to speak with sudden involuntary pauses or repetitions of sounds, syllables, or words; (noun) a speech disorder characterized by the repetition or prolongation of sounds, syllables, or words, or by pauses or blocks in speech

54. The _____ truck will be coming to pick up the trash every Monday morning.

n. waste material, especially food waste and kitchen refuse

55. The _____ in the rocket provided the force needed to reach outer space.

n. a substance that provides the force to propel (= to cause something to move forwards) something, such as a rocket or spray can

56. We have decided to extend our _____ contract until next year.

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

ANSWERS: 50. responsible, 51. tethered, 52. mounted, 53. stutter, 54. garbage, 55. propellant, 56. maintenance

57. The ____ scarcity most severely impacted the manufacturing sector
n. a substance that is typically burned to generate heat or energy
58. Human beings have a _____ lifespan, so we yearn for the idea of immortality.
adj. having a limit or restriction of size, time, etc.
59. I'm going to take the _____ to get to my destination faster.
n. a main road, especially one connecting major towns or cities
60. The firm has grown into a large _____ manufacturing.
adj. relating to or connected with chemistry;
61. He _____ that this investment would lead to success.
v. to form a theory or conjecture or guess about a subject without solid evidence
62. Our company found it _____ difficult to keep up with the competition.
adv. more and more
63. They used a special receiver to _____ police radio channels.
v. to observe, check, and track the progress or quality of something over a period of time
64. The _____ clouds in the sky foretold of an approaching storm.
adj. giving the impression that something bad is going to happen; foreboding
65. The corporation _____ dominated the entire tobacco business.
adv. finally, particularly after a long time or a lot of struggle, complications, and so on

ANSWERS: 57. fuel, 58. finite, 59. highway, 60. chemical, 61. speculated, 62. increasingly, 63. monitor, 64. ominous, 65. eventually

66. People can pick out superior products _____ of the quality of the advertising.

adv. not paying attention or considering something or someone even if the situation is bad or there are difficulties

67. The third _____ was far more successful.

n. an act or effort of trying to do something, especially something difficult

68. The chairperson _____ him the right to speak.

v. to agree to give or allow somebody

69. The company implemented _____ measures to prevent future issues.

adj. acting in advance to deal with an expected difficulty or to take advantage of an opportunity.

70. The _____ of getting the disease will drastically increase.

n. a chance that something may happen or be true

71. 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

72. He that would eat the kernel must _____ the nut.

v. to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

73. Our CEO's _____ are always transparent and straightforward.

n. something you want to do and are going to do

ANSWERS: 66. regardless, 67. attempt, 68. granted, 69. proactive, 70. possibility, 71. environment, 72. crack, 73. intentions

74. The oscillator hunts for the correct _____.
- n.* an ordered array of colors into which a light beam can be split
75. We made a _____ to the client.
- n.* an official suggestion that something is good or suitable for a particular purpose or job
76. The _____ of tectonic plates can result in new mountain ranges, such as the Himalayas or the Alps.
- n.* an instance of two or more objects or entities crashing into each other, usually resulting in damage, impact, or conflict
77. Companies developing self-driving cars consistently _____ the emerging technologies.
- v.* to introduce new methods, ideas, or products
78. Enhanced rail _____ is crucial for our business.
- n.* a system for moving people or products from one location to another using automobiles, roads, and so on
79. The negotiations proceeded slowly and finally _____.
- v.* to stop or cause to stop making progress; (noun) small area or booth set off for the sale of goods in a market or large covered area
80. The company holds patents on core components of _____ jet printers.
- n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
81. 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; (of medicine) the bony cavity in the skull that houses the eyeball and its associated structures, like muscles, nerves, and blood vessels

ANSWERS: 74. frequency, 75. recommendation, 76. collision, 77. innovate, 78. transportation, 79. stalled, 80. laser, 81. orbit

82. She couldn't stop staring at the _____ on the magazine cover.
n. a large, strong, attractive man; a large piece or chunk, especially meat
83. _____ is the foundation of our economy.
n. the practice or science of cultivating the land or raising stock
84. The _____ of the new traffic laws led to a decrease in accidents.
n. the act of ensuring that rules, regulations, or laws are obeyed or implemented;
the act of applying force or pressure to compel compliance with rules or laws
85. The small budget was _____ to cover all the necessary expenses for the project.
adj. not sufficient or enough
86. He managed to get _____ jobs during the recession.
adj. not lasting or be used for a very long
87. She _____ the sore spot on her leg to ease the pain.
v. to move one's hand or an object over the surface of something with pressure
88. Our plane stopped in the country to _____.
v. to put additional fuel into a plane, ship, car, etc.
89. Most of the programs are _____ in this area.
v. to send out a program or some information on radio or television
90. I need to clear out some of the _____ in my garage.
n. discarded or unused material or objects, often considered worthless or of little value; also used to describe cheap or poorly made items or food that is high in calories but lacking in nutrition

ANSWERS: 82. hunk, 83. Agriculture, 84. enforcement, 85. inadequate, 86. temporary, 87. rubbed, 88. refuel, 89. broadcast, 90. junk

91. The dead body was in an advanced state of _____.
- n.* the process or state of rotting or decomposition by natural causes such as the action of bacteria and fungi; (verb) to rot or decompose through natural causes
92. He postulated a completely different _____ to explain all these phenomena.
- n.* a standard or typical example of something; a pattern or model
93. Marine _____ is a major continuous global problem.
- n.* broken or torn fragments of something
94. There is nothing more valuable than _____ and freedom.
- n.* freedom from another's or others' control or influence
95. The _____ news about the impending storm caused many people to evacuate.
- adj.* causing worry, trouble, or anxiety; indicating the possible presence of danger, difficulty, or harm
96. Dolphins use sound to _____ with each other.
- v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
97. The fishing reel had a _____ that made it easy to reel in the catch.
- n.* a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person
98. Who answers _____ knows little.
- adv.* quickly and unexpectedly

ANSWERS: 91. decay, 92. paradigm, 93. debris, 94. independence, 95. worrisome, 96. communicate, 97. crank, 98. suddenly

99. She would never _____ hurt anyone.

adv. in a planned or intended way

100. The CEO _____ expressed her disappointment with the project's progress.

adv. not going straight to the point; implying or suggesting something

101. We decided to take a detour to avoid the construction _____ on the main road.

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

102. The government should do more to support environmentally _____ agriculture.

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

103. The spaceship began to burn up as it approached the Earth's _____.

n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work

104. The test results were _____ and showed improvement.

adj. giving hope, confidence, or support; inspiring

105. I'm _____ to agree with your opinion.

adj. inclined or willing to do something

106. I've included the two designs for a _____.

n. the consideration or examination of the similarities between two or more people or things

ANSWERS: 99. intentionally, 100. indirectly, 101. traffic, 102. sustainable, 103. atmosphere, 104. encouraging, 105. disposed, 106. comparison

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

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

108. We can use this campaign as a bargaining _____ in the negotiations.

- n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat

109. He accused the tenants of leaving _____ and breaking the security camera.

- n.* to fill a room or place with so many items that it becomes messy

110. The floor was made of white and black _____ arranged in a checkerboard pattern.

- n.* a hard crystalline metamorphic rock that has a pattern of lines going through it and takes a high polish used for sculpture and as building material; a small ball made of stone, especially one used in children's games

111. Governments make rules, and police _____ them.

- v.* to make sure that people obey a particular law, rule, or situation

112. This movie _____ at everyone's heartstrings.

- v.* to pull something quickly and hard, often several times

113. The spacecraft's _____ system helped it travel through space.

- n.* the act or process of propelling or driving something forward, often using a motor, engine, or other mechanical means

114. 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

ANSWERS: 107. deposit, 108. chip, 109. clutter, 110. marble, 111. enforce, 112. tugs, 113. propulsion, 114. nation

115. The plane's _____ system had problems, which mechanics found.

- n.* the act of directing a ship or airplane from place to place; advice or information intended to resolve a problem or challenge, especially as given by someone in authority

116. The company's rules _____ the employee's working hours.

- v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly

117. She tried to _____ her brother to join her on the trip, but he was too busy with work.

- v.* to convince or induce someone to do something by presenting a reason or argument; to sway or influence someone's decision or opinion

118. He _____ the heavy suitcase behind him as he walked.

- v.* to pull or haul with force

119. Generally speaking, the child is innately _____ to learn a language.

- v.* to put things or people in a particular manner or position; to incline someone towards a specific activity or mood; throw or cast away

120. 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

121. The _____ satellite remained in a fixed position in the sky.

- n.* describes a satellite that revolves around the Earth in a fixed position about the planet's rotation; remaining above the same point on the equator

ANSWERS: 115. navigation, 116. bind, 117. persuade, 118. dragged, 119. disposed, 120. launch, 121. geostationary

122. The _____ course was challenging but fun.

n. a thing that blocks one's way or prevents or hinders progress

123. Cyclists are not allowed on the highway _____ for safety reasons.

n. the part of a thoroughfare or highway that is used by vehicles for driving, including the hard surface and shoulders

124. 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

125. He sent me on an _____.

n. a short trip that is taken to perform a specified task, such as to take a message or to take or collect something

126. 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

127. The young prince will soon _____ the throne.

v. to consume all of someone's space, attention, or time

128. 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

129. He was _____ gifted.

adv. as might be expected; by natural manners

ANSWERS: 122. obstacle, 123. roadway, 124. innovation, 125. errand, 126. spacecraft, 127. occupy, 128. constellation, 129. naturally

130. The _____ at the hotel had a wide variety of food options.

n. a meal where guests serve themselves from a counter or sideboard

131. The program is _____ so participants can choose whether or not to take part.

adj. done of one's own free will; without being forced or coerced

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

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

133. The roads to the airport were heavily _____.

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

134. The surgeon removed the tumor using _____ video assistance.

adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

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

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

136. He continued to grow his empire through _____.

n. the act or process of taking control of a country, area, or situation

137. After the party, a massive _____ was needed to restore the house.

n. an act or process of cleaning up a particular area, space, or mess; the removal of dirt, debris, or other unwanted materials

ANSWERS: 130. buffet, 131. voluntary, 132. implement, 133. congested, 134. robotic, 135. recycle, 136. conquest, 137. cleanup

ANSWERS: