

Englist.me



Vocabulary Builder Reference from...

Vijay Kumar: The future of flying robots | TED Talk
https://www.ted.com/talks/vijay_kumar_the_future_of_flying_robots

All Words

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

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

synonym: workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

autonomous *adj.* capable of governing or controlling its affairs

synonym: independent, self-governing, self-reliant

(1) development of **autonomous** vehicles, (2) an **autonomous** judiciary

Five of the six provinces will become **autonomous** regions under the new federal system of government.

aerial *n.* a type of acrobatics or gymnastics performed while suspended from hanging fabric or rings; a pass or shot in sports (particularly in soccer or volleyball) that is made while the player is in the air

synonym: antenna, skywire, transmitter

(1) **aerial** antenna, (2) **aerial** photography

The **aerial** view from the airplane showed the beautiful landscape below.

commerce

n. the activity of buying and selling things, especially on a large scale

synonym: trade, transaction, dealings

(1) interstate **commerce**, (2) the local chamber of **commerce**

This company has invested heavily in Internet **commerce**.

drone

n. a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

synonym: hum, whirr, idler

(1) **drone** flight, (2) the speaker's **drone**

He heard a **drone** of sirens roar from the neighboring town.

determinant

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

synonym: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop yields

One **determinant** of success is having a positive attitude and a strong work ethic.

onboard

v. to become or make part of a team, group, or system; to install, activate, or begin using a piece of equipment or software; (adjective) included or integrated into a particular system, machine, or device

synonym: embark, aboard, on-load

(1) **onboard** the new employees, (2) **onboard** computer

The passengers were instructed to **onboard** the aircraft as quickly as possible so that the flight could depart on time.

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.

scan

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

synonym : look over, scrutinize, browse

(1) **scan** the face of the man, (2) **scan** a document into PDF
She stood on the podium and **scanned** an audience.

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**.

detect

v. to find or recognize something, especially something difficult to see, hear, etc.

synonym : catch, observe, notice

(1) **detect** a bad event, (2) **detect** smuggling across borders
The security camera has **detected** four intruders.

feat

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

synonym : achievement, accomplishment, exploit

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

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

relative

adj. considered and evaluated through comparison with something else

synonym : comparative, proximate, congeneric

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

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

triangulation

n. the process of determining the location or position of something, such as an object, place, or point, by measuring the angles or distances between multiple reference points or landmarks

synonym : measurement, surveying, trilateration

(1) **triangulation** method, (2) political **triangulation**

The archaeologists used GPS **triangulation** to accurately map the ancient ruins.

assemble

v. to collect in one place as a single group

synonym : gather, congregate, collect

(1) **assemble** your colleagues, (2) **assemble** a jigsaw puzzle

The president began to **assemble** an army.

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.

navigate

v. to plan and direct the way that a ship, plane, etc. will travel, often by using a map

synonym : guide, helm, voyage

(1) **navigate** the Pacific, (2) **navigate** through a document

Our knowledge helps **navigate** our clients successfully.

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.

experiment

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

synonym: experimentation, investigation

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

His **experiments** showed highly positive results.

laboratory

n. a workplace for doing scientific research or teaching science; a lab

synonym: lab, workshop, testing room

(1) **laboratory** accident, (2) anthropology **laboratory**

Animal protection groups call for an end to animal testing in a **laboratory**.

distance

n. the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance

synonym: space, gap, span

(1) driving **distance**, (2) social **distance**

The marathon runner covered a long **distance** in a short amount of time.

resolution

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

synonym: determination, decision, settlement

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

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

corridor

n. a hallway or passageway, especially one connecting rooms or areas within a building or structure

synonym: hallway, passageway, aisle

(1) walk along a **corridor**, (2) air **corridor**

The long **corridor** was filled with people rushing to get to their rooms before the meeting began.

recognizable

adj. easy to become aware of or identify

synonym : noticeable, perceptible, definite

(1) to a **recognizable** degree, (2) **recognizable** landmark

His car was easily **recognizable** in the parking lot.

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.

convey

v. to express ideas, feelings, etc. so that it is known or understood by other people; to carry something from one place to another

synonym : communicate, transfer, deliver

(1) **convey** a complex idea, (2) **convey** goods by truck

An ironic remark often **conveys** an intended meaning obliquely.

centimeter

n. a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter

(1) **centimeter** measurement, (2) thirty **centimeters** tall

The room was only one **centimeter** wider than the piano, making it a tight fit.

deploy

v. to move troops or weapons into a position or military action; to bring into something in an effective way

synonym : set up, expand, launch

(1) **deploy** troops for battle, (2) **deploy** safety measures

This country **deployed** its weapons in the east region.

infer

v. to form an opinion or conclude that something is true based on existing facts

synonym : guess, deduce, assume

(1) **infer** quality from price, (2) **infer** the possibility

Animal desire and preference are always **inferred** from their behavior.

consume

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

synonym: absorb, ingest, use up

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

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

watt

n. a standard unit for measuring electrical power

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

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

pound

n. the standard unit of money in the UK; the standard unit of weight equal to 16 ounces

(1) three-fourths of a **pound**, (2) thousands of **pounds**

The car's front bumper cost fifteen hundred **pounds**.

process

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

synonym: procedure, method, system

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

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

electron

n. a tiny particle with the negative electrical charge

synonym: negatron

(1) flow of **electrons**, (2) beam of **electrons**

The outermost **electron** shell determines the chemical properties of an atom.

inexpensive

adj. costing little; having a low price

synonym: cheap, affordable, economical

(1) **inexpensive** option, (2) an **inexpensive** inn
The restaurant offered delicious food at an **inexpensive** price.

lightweight

adj. composed of thinner and lighter material than average; not severe or impressive

(1) **lightweight** aircraft, (2) **lightweight** structure
Powder coating protects the **lightweight** aluminum alloy components.

computation

n. the act or process of calculating something, especially an answer or amount, by using a machine or calculator
synonym: calculation, estimation, arithmetic

(1) parallel **computation**, (2) theory of **computation**
The researcher demonstrated the superiority of quantum **computation** in several mathematical tasks.

invention

n. the creation of a new device or process resulting from study and experimentation; the act of inventing
synonym: creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**
Necessity is the mother of **invention**.

galaxy

n. an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
synonym: star cluster, nebula, star system

(1) elliptic **galaxy**, (2) a **galaxy** of famous actors
The Milky Way **galaxy** has numerous water-bearing planets.

smartphone

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

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

- app** *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
synonym : application, software
(1) killer **app**, (2) cannot log in to the **app**
The discovery of a critical bug caused the company to delay the **app's** release.
- download** *v.* to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device
synonym : load, save, transfer
(1) **download** files from the Internet, (2) **download** the assignment from the website
I need to **download** the latest update for my computer's operating system.
- 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.
- 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.
- aggressive** *adj.* behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly
synonym : assertive, combative, threatening
(1) an **aggressive** war, (2) an **aggressive** tumor
An **aggressive** tide wrecked the ship.
- pitch** *n.* the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially

of a roof; short presentation for selling or sharing something

synonym : angle, gradient, slope

(1) make a **pitch** for a new product, (2) a low- **pitched** sound

Her voice gradually increased in **pitch**.

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.

unstructured

adj. not having a clear organization or arrangement

synonym : unorganized, unarranged, formless

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

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

eagle

n. a large predatory bird with a hooked beak and broad wings, known for its keen eyesight and powerful flight; a symbol of strength and freedom in many cultures

synonym : bird of prey, raptor

(1) **eagle** feathers, (2) **eagle** eyes

The bald **eagle** symbolizes freedom and strength in the United States.

grace

n. a quality of being pleasing, especially in appearance or manner; a temporary exemption, especially an extended period granted as a special favor; a short prayer of thanks before a meal

synonym : charm, poise, elegance

(1) say a **grace**, (2) end of the **grace** period

The old oak tree stood with **grace** and majesty in the park's center.

coordinate

v. to bring the different parts of the activity and the people into an organized, ordered, or efficient relationship; (adjective) of equal importance, rank, or degree

synonym : organize, harmonize, ordinate

(1) **coordinate** a special project, (2) a **coordinate** clause

We want to **coordinate** a schedule for the investigation.

grab

v. to take hold of something or someone suddenly with a hand, especially in a violent way

synonym : clutch, snatch, grasp

(1) **grab** an audience, (2) **grab** an opportunity

Shall we **grab** a bite to eat?

prey

n. the object of a hunt; an animal hunted or trapped for eating

synonym : target, quarry, chase

(1) **prey** of beast, (2) become **prey** to terrorists

The majority of snakes swallow their **prey** whole.

claw

n. a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects

synonym : paw, talon, nail

(1) **claw** marks, (2) **claw** hammer

The bear used its **claw** to catch a fish in the river.

flee

v. to leave by running away, especially out of fear or danger

synonym : exit, escape, run away

(1) **flee** their homes, (2) **flee** abroad

It is a basic instinct to **flee** from a dangerous situation.

split

v. to divide, or to make something divide into two or more parts, especially along a particular line

synonym : break, divide, break apart

(1) **split** a bill, (2) **split** a reward equally

Companies often **split** their shares to lower the stock price and encourage investors to buy.

achieve

v. to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

synonym : accomplish, attain, reach

(1) **achieve** success, (2) **achieve** milestones

I will work hard to **achieve** my goals and realize my dreams.

maneuver

n. a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage

synonym : gimmick, trick, action

(1) political **maneuvers**, (2) made a great **maneuver**

In this class, we learn the basic **maneuver** of the plane.

adapt

v. to make fit for or change to suit a new purpose or environment

synonym : adjust, acclimate, accustom

(1) **adapt** fully to the environment, (2) **adapt** as needed

I advised him to **adapt** to his new surroundings.

suspend

v. to stop something from continuing or being in force or effect, either temporarily or permanently; to hang something freely

synonym : stop, postpone, adjourn

(1) **suspend** a decision, (2) **suspend** fruits from the ceiling

The University **suspended** the most recalcitrant demonstrators.

payload

n. the amount of cargo or goods that a vehicle or equipment is designed to carry or transport; in computing, the amount of data that can be transmitted over a communication system

synonym : cargo, freight, shipment

(1) **payload** capacity, (2) satellite **payload**

The **payload** for the rocket launch included several satellites and scientific instruments.

accomplish

v. to finish or achieve something successfully

synonym: achieve, complete, execute

(1) **accomplish** a goal, (2) **accomplish** military operations

Humankind took centuries to **accomplish** true democracy.

adjust

v. to make a minor modification to something to make it more suited for a new set of conditions or to make it function better.

synonym: adapt, alter, acclimate

(1) **adjust** a schedule, (2) **adjust** the rearview mirror

You have to **adjust** your content to the age of the audience.

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.

inspire

v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

synonym: boost, encourage, enlighten

(1) **inspire** a feeling of curiosity, (2) **inspire** him to write a novel

The unique style of this martial arts **inspired** many action film producers.

honeybee

n. a type of bee that is known for producing honey and pollinating flowers

synonym: apis mellifera

(1) **honeybee** colony, (2) aggressive **honeybee**

The **honeybee** hive is organized into a caste system, with a queen, drones, and workers.

inertia

n. the quality or state of being inactive, sluggish, or slow to move or act

synonym : sluggishness, lethargy, idleness

(1) **inertia** resistance, (2) Newton's law of **inertia**

The object's **inertia** kept it moving in a straight line until acted upon by an outside force.

bounce

v. to cause to move up or away after hitting a surface; to spring back

synonym : bound, leap, spring

(1) **bounce** across the floor, (2) **bounce** back from failure

They will **bounce** between various emotional states.

mimic

v. to imitate someone's speech, movement, or behavior, especially to make others laugh

synonym : mirror, imitate, ape

(1) **mimic** a human voice, (2) **mimic** numerous instruments

He is very popular at school because he can **mimic** all the teachers' accents.

buzz

v. to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere

synonym : hum, murmur, whisper

(1) the **buzz** of a cicada, (2) **buzz** marketing

I heard the **buzz** of conversation from the next room.

laughter

n. the act or sound of laughing

synonym : laugh, chuckle, giggle

(1) **laughter** all around, (2) bring **laughter**

Some doctor says **laughter** is the best medicine.

resistant

adj. not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection

synonym : unsusceptible, immune, invulnerable

(1) penicillin- **resistant** bacteria, (2) **resistant** to persuasion

Insects in urban areas are becoming **resistant** to

insecticides.

robust

adj. sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity

synonym: healthy, strong, booming

(1) **robust** growth, (2) a **robust** appetite

The experiment yielded **robust** results that support his theory.

gram

n. a metric unit of weight equal to one-thousandth of a kilogram

(1) centimeter- **gram-second** system, (2) **gram** amount

How much is it per one hundred **grams**?

norm

n. something that is regarded as usual, typical, or standard

synonym: criterion, mean, standard

(1) **norm** of action, (2) cultural **norm**

The systems we have developed has accepted as industry **norms**.

midair

n. some point in the air; above ground level

(1) a **midair** collision, (2) thrown out into **midair**

She flawlessly performed a **midair** somersault.

illustrate

v. to provide pictures, photographs, diagrams, etc. in a book or something for explanation

synonym: demonstrate, explain, exemplify

(1) **illustrate** a key point, (2) **illustrate** a story

The company's financial records **illustrate** how successful it has been.

principle

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

synonym: rule, creed, code

(1) **principle** of treatment, (2) **principle** in business

Efficiency isn't an essential **principle** here; fairness is.

carbon

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

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

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

fiber

n. thread or filament used to make a vegetable tissue, mineral material, or textile

synonym : yarn, thread, wool

(1) carbon **fiber**, (2) synthetic **fiber**

We must consume dietary **fiber** to maintain good health.

cage

n. a structure made of metal bars or wire in which birds or animals can be kept

synonym : enclosure, jail, corral

(1) an insect **cage**, (2) a bird in a **cage**

The trapped bear is running amok in its **cage**.

propeller

n. a device with rotating blades or vanes used for propulsion or creating lift, typically used on boats or aircraft

synonym : prop, rotor, fan

(1) **propeller** design, (2) **propeller** aircraft

The boat's **propeller** stopped working in the middle of the lake.

entangle

v. to become twisted or knotted together, especially in a way that makes it difficult to separate them; to involve in something complicated or difficult to escape

synonym : ensnare, entrap, involve

(1) **entangle** in wires, (2) emotionally **entangle**

The vines of the plant **entangled** themselves around the trellis.

essentially

adv. relating to the essential features or concepts of anything
synonym : fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same
Essentially, a society is an organism.

absorb

v. to take in a fluid or other substance gradually
synonym : consume, soak, ingest

(1) **absorb** energy, (2) **absorb** a shock
The sponge **absorbs** water well.

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.

plot

n. a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal

synonym : scheme, plan, design

(1) **plot** twist, (2) **plot** a revolution

The **plot** of the novel centers around a group of friends who uncover a conspiracy to control the world's water supply.

histogram

n. a graphical representation of data that shows the distribution of values in a set or group typically displayed as a series of bars of varying heights or widths

synonym : frequency distribution

(1) **histogram** distribution, (2) **histogram** chart

The data was organized into a **histogram** to show the frequency of occurrence of each value.

band-aid

n. a small strip or patch of adhesive material, with a sterile gauze pad in the center, used to cover a minor wound or injury and help promote healing

synonym : adhesive strip, sticking plaster

(1) **band-aid** solution, (2) temporary **band-aid** fix

I cut my finger, so I put a **band-aid** on the wound.

disadvantage

n. a drawback or a negative aspect of something; (verb) to put someone or something in an unfavorable position

synonym : detriment, drawback, (verb) disfavor

(1) the **disadvantage** of a plan, (2) **disadvantage** small businesses

A lack of education can be a significant **disadvantage** in today's job market.

compensate

v. to make up for a loss, injury, or inconvenience by giving something of value

synonym : reimburse, pay, recompense

(1) **compensate** a loss, (2) **compensate** for a car accident

The company offered to **compensate** the employees for the overtime they worked.

aggregate

n. a collection or sum of different things often used to describe a total or combination of items

synonym : total, sum, whole

(1) data **aggregate**, (2) an **aggregate** of people

The **aggregate** amount of money raised for the charity was over a million dollars.

swarm

n. a group of many things, such as insects, fishes, etc., in the air or water or on the ground

synonym : horde, hive, throng

(1) a **swarm** of mosquitoes, (2) locust **swarm**

A **swarm** of angry bees attacked because we had approached the hive.

similarly

adv. in almost the same way

synonym : also, likewise, ditto

(1) **similarly** situated, (2) have **similarly** great abilities

We argue that wages for temporary workers should **similarly** rise.

interplay

n. the way in which two or more things interact or influence each other

synonym : interaction, give-and-take, interconnection

(1) **interplay** among neurons, (2) complex **interplay**

The **interplay** of light and shadow creates a dramatic effect in the painting.

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.

algorithm

n. a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

synonym : logic, method, rule

(1) the RSA **algorithm**, (2) **algorithm** for image processing

We can evaluate the performance of an **algorithm** in terms of computation time.

hijack

v. to seize control of an airplane or other vehicle during an operation, especially with violence

synonym : commandeer, seize, pirate

(1) **hijack** a helicopter, (2) **hijack** a phone number

He made a desperate effort to **hijack** an airliner.

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.

suppose

v. to think that something is likely to be actual or possible
synonym: guess, assume, presume

(1) **suppose** you're right, (2) **suppose** beforehand

What do you **suppose** the culprit's motive was?

react

v. to take action in response to something
synonym: respond, reply, oppose

(1) **react** at a high temperature, (2) **react** against his way of thinking

How did he **react** to your idea?

anonymity

n. the condition of being anonymous or unidentified; the state of not revealing one's name, identity, or other personal information

synonym: obscurity, secrecy, namelessness

(1) comment with **anonymity**, (2) protect **anonymity**

The use of pseudonyms allows individuals to maintain their **anonymity** online.

agnostic

n. a person who believes that it is impossible to know whether there is a god

synonym: skeptic, doubter, unbeliever

(1) **agnostic** world-view, (2) **agnostic** position

Her scientific background led her to be **agnostic** about the existence of a higher power.

identity

n. the fact of being who or what somebody or something is; the features, emotions, or ideas that distinguish persons from one another

synonym: character, personality, individuality

(1) mistaken **identity**, (2) **identity** as an individual

The terrorist's **identity** remains unknown.

circular

adj. shaped like a circle; having a round form

synonym: round, loopy, oblique

(1) **circular** economy, (2) non- **circular** orbit

The **circular** shape of the planet makes it difficult to determine which direction is north.

introduction

n. a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market

synonym: initiation, preamble, prologue

(1) **introduction** education, (2) self- **introduction**

The **introduction** to the new class was informative and engaging.

collaborate

v. to work with someone else to produce or achieve something

synonym: cooperate, unite, get together

(1) **collaborate** with the police, (2) **collaborate** on a press release

She agreed to **collaborate** with him in creating new artwork.

coordination

n. the act of making all the people involved in a plan or activity work together effectively; the ability to control different parts of the body effectively

synonym: cooperation, teamwork, collaboration

(1) data **coordination**, (2) loss of muscle **coordination**

Synchronized swimming needs close **coordination** between six performers.

mathematics

n. the science dealing with the logic of quantities, shapes, spaces, and arrangement

synonym: arithmetic, calculation, calculus

(1) a good grounding in **mathematics**, (2) **mathematics** competition

He has a flair for **mathematics**.

execute

v. to kill someone, especially as a legal punishment; to carry out or perform an action, duty, etc.

synonym: direct, conduct, enforce

(1) **execute** a bold strategy, (2) **execute** a double play
The mafioso who collaborated with the police was **executed**.

vary

v. to become different in terms of size, shape, etc.

synonym: alter, contrast, differ

(1) **vary** according to the age, (2) **vary** directly with the price
Maximum heart rates **vary** a lot for each individual.

function

n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

synonym: purpose, mapping, job

(1) **function** properly, (2) immune **function**

The brain is an incredibly complex organ that controls the body's **function**.

rectangular

adj. having four right angles and opposite sides that are equal in length

synonym: square, cubic, cuboid

(1) a **rectangular** piece of paper, (2) a **rectangular** piece of wood

The **rectangular** table was able to seat eight people comfortably.

stretch

v. to make or be capable of making anything longer or broader without hurting or breaking

synonym: lengthen, prolong, extend

(1) **stretch** along the coast, (2) **stretch** a story

Some herds have been observed to **stretch** hundreds of kilometers.

straight

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

synonym : linear, honest, consecutive

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

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

ellipse

n. a closed curve with a shape resembling a stretched circle; in geometry, a figure formed by the intersection of a cone with a plane, where the plane cuts through both halves of the cone

synonym : oval, oblong, curve

(1) Kepler's **ellipse**, (2) planetary **ellipse**

He used the **ellipse** equation to calculate the dimensions of the oval-shaped garden.

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.

malnourished

adj. not getting enough of the right type of food to stay healthy and strong

synonym : undernourished, underfed

(1) premature **malnourished** infant, (2) **malnourished** population

Malnourished children are at risk of developmental delays and chronic health problems.

cultivate

v. to prepare and foster land for growing crops or plants

synonym : boost, foster, nurture

(1) **cultivate** a field, (2) **cultivate** relationships

University is a great place to **cultivate** our minds and expertise.

cult

n. a small religious group, especially one that is not part of a larger religion and that is regarded as outside the

norm; followers of an exclusive system of beliefs and practices

synonym : sect, faith, religion

(1) **cult** members, (2) **cult's** practices

The **cult** leader promised his followers that they would achieve enlightenment if they followed his teachings.

efficiency

n. the state or quality of doing something well with no waste of input such as time or money

synonym : effectiveness, efficacy, productivity

(1) better fuel **efficiency**, (2) an energy **efficiency**

Our company must continue to strive for greater **efficiency**.

improvisation

n. the act of making something up on the spot or creating or performing something without preparation

synonym : spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only **improvisation**.

decline

v. to become gradually smaller, fewer, worse, etc.; to refuse to accept

synonym : descend, drop, deny

(1) **decline** a job offer, (2) **decline** in quality

As people age, their digestive capacity also gradually **declines**.

crop

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

synonym : output, produce, product

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

Sow early for an early **crop**.

disease

n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

synonym :

illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control

The doctor diagnosed him with a rare **disease** that had no known cure.

climate

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

synonym: atmosphere, weather, environment

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

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

adopt

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

synonym: accept, assume, take on

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

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

precision

n. the quality or condition of being exact and accurate

synonym: accuracy, exactness, rigor

(1) a **precision** instrument, (2) speak with **precision**

This operation requires both patience and **precision**.

communal

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

synonym: collaborative, combined, collective

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

Communal elections were held in several European countries.

orchard

n. a piece of land that is planted with fruit trees, such as apples, pears, or cherries

synonym: grove, plantation, fruit garden

(1) local apple **orchard**, (2) **orchard** tree

The farmer owns an **orchard** where he grows apples, pears, and plums.

individual

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

synonym: person, being, self

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

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

medicinal

adj. of or relating to the treatment or cure of disease

synonym: curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

patient

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

synonym: client, recipient, subject

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

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

individually

adv. separately or apart from others

synonym: separately, one by one, independently

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

designed product

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

fertilizer

n. a natural or chemical substance added to soil to make plants grow more successfully

synonym: manure

(1) a chemical **fertilizer**, (2) nonsynthetic **fertilizer**

Nitrogen fixation by the Haber-Bosch method leads to the mass production of **fertilizers**.

pesticide

n. a substance used for preventing, destroying, repelling, or mitigating any pest

synonym: insecticide, herbicide, fungicide

(1) **pesticide** application, (2) **pesticide** residue

The farmer sprayed **pesticide** on his crops to protect them from insects.

companion

n. a person or an animal with whom you spend a lot of time, or you travel

synonym: affiliate, fellow, mate

(1) a working **companion**, (2) drinking **companions**

Her dog is her excellent **companion**.

infrared

adj. relating to or denoting electromagnetic radiation with a wavelength just longer than that of red light but shorter than that of microwave radiation, used for sensing heat and for remote control

synonym: thermal, warm, radiant

(1) an **infrared** lamp, (2) **infrared** radiation

The **infrared** camera revealed a hidden image on the surface.

thermal

adj. relating to heat or temperature; designed for or capable of producing or maintaining heat

synonym: heat-related, warm, hot

(1) **thermal** insulation, (2) **thermal** energy

The **thermal** imaging camera was used to detect heat signatures in the dark.

panel

n. a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something

synonym: board, commission, discussion

(1) **panel** discussion, (2) cost of solar **panels**

A **panel** of economic advisers from the United States visited the country to help rebuild its economy.

dimension

n. a measurable extent of a particular kind, such as width, height, or length

synonym : extent, measurement, size

(1) new **dimension**, (2) the crosswise **dimension**

Overall **dimensions** are approximately 400x200mm.

reconstruction

n. the process of rebuilding or repairing something that has been damaged or destroyed or of restoring something to its original condition

synonym : rebuilding, remodeling, renovation

(1) **reconstruction** aid, (2) **reconstruction** aid

The government announced a plan for the **reconstruction** of the city's infrastructure.

estimate

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

synonym : calculate, gauge, evaluate

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

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

yield

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

synonym : proceeds, harvest, output

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

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

optimize

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

synonym : advance, amend, improve

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

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

chain

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

synonym : series, string, link

(1) **chain** reaction, (2) supply **chain**
The **chain** on my bike broke, leaving me stranded.

downstream

adv. in the direction that a stream or river flows; (adjective) in the direction of a stream's current

synonym : lower, below, later

(1) go **downstream** in a boat, (2) **downstream** processing
The boat drifted **downstream** and was carried away by the current.

construct

v. to build or create something; to assemble or combine different parts to form something whole

synonym : build, assemble, create

(1) **construct** a 3D image, (2) **construct** a dam
He **constructs** hypotheses that no mathematician has ever imagined before.

canopy

n. a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it

synonym : cover, top, shade

(1) **canopy** layer, (2) under a **canopy** of smoke
The forest's **canopy** provides shade and protection for the plants and animals below.

correlate

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

synonym : associate, liken, connect

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

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

index

n. a list of items, such as names, subjects, or keywords, that is arranged in a particular order and is usually found at the end of a book or document; a number or symbol that indicates the value or level of something, such as a

stock index or a temperature index

synonym: list, directory, indicator

(1) a full-text **index**, (2) health **index**

The stock market **index** measures the performance of a group of stocks.

photosynthesis

n. the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.

(1) oxygenic **photosynthesis**, (2) process of **photosynthesis**

In **photosynthesis**, plants use carbon dioxide to feed themselves.

combine

v. to join or merge to form a single thing or group

synonym: coalesce, cohere, blend

(1) **combine** chemically with another substance,
(2) **combine** augmented reality

Hydrogen and oxygen **combine** to form water.

visual

adj. relating to seeing or sight

synonym: optical, graphical, visible

(1) **visual** navigation, (2) field of **visual** arts

The building makes a remarkable **visual** impact.

compute

v. to make a mathematical calculation

synonym: calculate

(1) **compute** an average score, (2) **compute** the value

I tried to **compute** the efficiency of the investment.

discernible

adj. able to be perceived or recognized; clear or distinguishable

synonym: apparent, noticeable, distinguishable

(1) **discernible** pattern, (2) lack of **discernible** progress

There was a **discernible** change in the atmosphere when the

boss walked into the room.

imagery

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

synonym : metaphors, symbolism, imaging

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

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

onset

n. the beginning or early stages of unpleasant something; a military attack

synonym : beginning, attack, commencement

(1) at the first **onset**, (2) the **onset** of spring

This medicine works best when taken at the **onset** of a cold.

chlorosis

n. a condition in plants characterized by the yellowing or whitening of leaf tissue caused by the insufficient production or impaired function of chlorophyll

synonym : yellowing, discoloration, paleness

(1) **chlorosis** diagnosis, (2) leaf **chlorosis**

The botanist suggested that the **chlorosis** in the elm tree might result from overwatering.

overhead

n. the expense of maintaining something that is involved in operating a business, such as rent and heating; (adverb) above your head; in the sky

synonym : expense, upkeep, (adverb) aloft

(1) **overhead** capital, (2) a cloud passing **overhead**

This merger will help them reduce **overhead** costs substantially.

spot

n. a particular location or place; a small round or roundish area, differing in color or feels from the surface around it

synonym : dot, mark, place

(1) beauty **spot**, (2) a **spot** on his honor

This remote **spot** is rarely visited.

sect

n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

synonym : group, faction, cult

(1) **sect** beliefs, (2) secret **sect**

The minority **sect** believed in a set of unconventional religious practices.

improve

v. to make or become better

synonym : enhance, ameliorate, enrich

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

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

applaud

v. to express approval of someone or something by clapping the hands

synonym : clap, celebrate, praise

(1) **applaud** his courage, (2) **applaud** the orchestra

I enthusiastically **applaud** my rival's achievement.

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.

demonstration

n. a display or show, often of a particular skill or product, intended to convince or persuade others

synonym : manifestation, presentation, show

(1) **demonstration** project, (2) a campus **demonstration**

Thousands of people attended the protest **demonstration** against the proposed policy.

Session 2: Spelling

1. thirty cen_____ers tall
n. a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
2. answer questions ind_____lly
adv. separately or apart from others
3. planetary el_____e
n. a closed curve with a shape resembling a stretched circle; in geometry, a figure formed by the intersection of a cone with a plane, where the plane cuts through both halves of the cone
4. acc_____sh military operations
v. to finish or achieve something successfully
5. synthetic fi__r
n. thread or filament used to make a vegetable tissue, mineral material, or textile
6. to a rec_____ble degree
adj. easy to become aware of or identify
7. ag_____ic position
n. a person who believes that it is impossible to know whether there is a god
8. ba_____id solution
n. a small strip or patch of adhesive material, with a sterile gauze pad in the center, used to cover a minor wound or injury and help promote healing
9. beam of el_____ons
n. a tiny particle with the negative electrical charge
10. 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

ANSWERS: 1. centimeter, 2. individually, 3. ellipse, 4. accomplish, 5. fiber, 6. recognizable, 7. agnostic, 8. band-aid, 9. electron, 10. laser

- | | |
|------------------------------------|--|
| 11. display res_____on | <i>n.</i> a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display |
| 12. pr_____le in business | <i>n.</i> a fundamental law or truth that explains or controls how something happens or works |
| 13. series of exp_____nts | <i>n.</i> the scientific test conducted to observe what happens and gain new knowledge |
| 14. 30-w__t light bulb | <i>n.</i> a standard unit for measuring electrical power |
| 15. pe_____de application | <i>n.</i> a substance used for preventing, destroying, repelling, or mitigating any pest |
| 16. r__l down his cheeks | <i>v.</i> to move in a particular direction by turning over and over or from side to side |
| 17. corn yi__d | <i>n.</i> the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information |
| 18. ess_____ly correct | <i>adv.</i> relating to the essential features or concepts of anything |
| 19. al_____hm for image processing | <i>n.</i> a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation |
| 20. in_____ed radiation | <i>adj.</i> relating to or denoting electromagnetic radiation with a wavelength just longer than that of red light but shorter than that of microwave radiation, used for sensing heat and for remote control |

ANSWERS: 11. resolution, 12. principle, 13. experiment, 14. watt, 15. pesticide, 16. roll, 17. yield, 18. essentially, 19. algorithm, 20. infrared

21. Kepler's el____e *n.* a closed curve with a shape resembling a stretched circle; in geometry, a figure formed by the intersection of a cone with a plane, where the plane cuts through both halves of the cone
22. centimeter-g__m-second system *n.* a metric unit of weight equal to one-thousandth of a kilogram
23. go dow_____am in a boat *adv.* in the direction that a stream or river flows; (adjective) in the direction of a stream's current
24. thousands of po__ds *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
25. intensive agr_____re *n.* the practice or science of cultivating the land or raising stock
26. an ob_____le to progress *n.* a thing that blocks one's way or prevents or hinders progress
27. pa__l discussion *n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
28. su_____e beforehand *v.* to think that something is likely to be actual or possible
29. non-ci_____ar orbit *adj.* shaped like a circle; having a round form
30. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory

ANSWERS: 21. ellipse, 22. gram, 23. downstream, 24. pound, 25. agriculture, 26. obstacle, 27. panel, 28. suppose, 29. circular, 30. lab

31. made a great ma_____er *n.* a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage
32. co____y a complex idea *v.* to express ideas, feelings, etc. so that it is known or understood by other people; to carry something from one place to another
33. process of pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
34. aggressive ho_____ee *n.* a type of bee that is known for producing honey and pollinating flowers
35. ea__e feathers *n.* a large predatory bird with a hooked beak and broad wings, known for its keen eyesight and powerful flight; a symbol of strength and freedom in many cultures
36. co_____e electricity *v.* to spend something, especially fuel, energy, or time, in a large amount
37. ca____n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
38. lab_____ry accident *n.* a workplace for doing scientific research or teaching science; a lab
39. traditional me_____al *adj.* of or relating to the treatment or cure of disease

ANSWERS: 31. maneuver, 32. convey, 33. photosynthesis, 34. honeybee, 35. eagle, 36. consume, 37. carbon, 38. laboratory, 39. medicinal

40. di_____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
41. speak with pr_____on *n.* the quality or condition of being exact and accurate
42. im_____e a process *v.* to make or become better
43. sp__t a reward equally *v.* to divide, or to make something divide into two or more parts, especially along a particular line
44. acc_____sh a goal *v.* to finish or achieve something successfully
45. mistaken id_____ty *n.* the fact of being who or what somebody or something is; the features, emotions, or ideas that distinguish persons from one another
46. re__t at a high temperature *v.* to take action in response to something
47. ag_____ic world-view *n.* a person who believes that it is impossible to know whether there is a god
48. organic agr_____re *n.* the practice or science of cultivating the land or raising stock
49. ine_____ve option *adj.* costing little; having a low price
50. de__t smuggling across borders *v.* to find or recognize something, especially something difficult to see, hear, etc.
51. la_____er all around *n.* the act or sound of laughing

ANSWERS: 40. disease, 41. precision, 42. improve, 43. split, 44. accomplish, 45. identity, 46. react, 47. agnostic, 48. agriculture, 49. inexpensive, 50. detect, 51. laughter

52. the on__t of spring *n.* the beginning or early stages of unpleasant something; a military attack
53. low al____de *n.* the height of an object or point in relation to sea level or ground level
54. ob____le avoidance *n.* a thing that blocks one's way or prevents or hinders progress
55. hi___k a helicopter *v.* to seize control of an airplane or other vehicle during an operation, especially with violence
56. co____e an average score *v.* to make a mathematical calculation
57. ap____d his courage *v.* to express approval of someone or something by clapping the hands
58. dow____am processing *adv.* in the direction that a stream or river flows; (adjective) in the direction of a stream's current
59. es____te a fair value *v.* to guess or calculate the cost, size, value, etc. of something
60. in____ct directly with customers *v.* to communicate or react with somebody
61. th____l insulation *adj.* relating to heat or temperature; designed for or capable of producing or maintaining heat
62. ov____ad capital *n.* the expense of maintaining something that is involved in operating a business, such as rent and heating; (adverb) above your head; in the sky
63. the yi__d on the bond *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information

ANSWERS: 52. onset, 53. altitude, 54. obstacle, 55. hijack, 56. compute, 57. applaud, 58. downstream, 59. estimate, 60. interact, 61. thermal, 62. overhead, 63. yield

64. co_____te closely with the quality *v.* to have a connection or relationship in which one thing affects or depends on another
65. do_____ad files from the Internet *v.* to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device
66. in_____a resistance *n.* the quality or state of being inactive, sluggish, or slow to move or act
67. the b__z of a cicada *v.* to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere
68. a mi____r collision *n.* some point in the air; above ground level
69. ad_____on of vectors *n.* the act or process of adding something to something else; the process of adding numbers
70. an energy eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money
71. a full-text in__x *n.* a list of items, such as names, subjects, or keywords, that is arranged in a particular order and is usually found at the end of a book or document; a number or symbol that indicates the value or level of something, such as a stock index or a temperature index
72. on_____d the new employees *v.* to become or make part of a team, group, or system; to install, activate, or begin using a piece of equipment or software; (adjective) included or integrated into a particular system, machine, or device

ANSWERS: 64. correlate, 65. download, 66. inertia, 67. buzz, 68. midair, 69. addition, 70. efficiency, 71. index, 72. onboard

73. killer a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
74. political ma_____ers *n.* a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage
75. data ag_____te *n.* a collection or sum of different things often used to describe a total or combination of items
76. interstate co_____ce *n.* the activity of buying and selling things, especially on a large scale
77. Newton's law of in_____a *n.* the quality or state of being inactive, sluggish, or slow to move or act
78. hi___k a phone number *v.* to seize control of an airplane or other vehicle during an operation, especially with violence
79. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
80. com_____te a loss *v.* to make up for a loss, injury, or inconvenience by giving something of value
81. ap_____d the orchestra *v.* to express approval of someone or something by clapping the hands
82. make a pi__h for a new product *n.* the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something

ANSWERS: 73. app, 74. maneuver, 75. aggregate, 76. commerce, 77. inertia, 78. hijack, 79. lab, 80. compensate, 81. applaud, 82. pitch

83. an agg_____ve tumor *adj.* behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly
84. lig_____ht structure *adj.* composed of thinner and lighter material than average; not severe or impressive
85. a ro___t appetite *adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
86. in__r quality from price *v.* to form an opinion or conclude that something is true based on existing facts
87. the meridian al_____de *n.* the height of an object or point in relation to sea level or ground level
88. com_____te his anxieties to the psychiatrist *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
89. say a gr___e *n.* a quality of being pleasing, especially in appearance or manner; a temporary exemption, especially an extended period granted as a special favor; a short prayer of thanks before a meal
90. as_____le a jigsaw puzzle *v.* to collect in one place as a single group
91. ill_____te a key point *v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
92. w__t per square meter *n.* a standard unit for measuring electrical power

ANSWERS: 83. aggressive, 84. lightweight, 85. robust, 86. infer, 87. altitude, 88. communicate, 89. grace, 90. assemble, 91. illustrate, 92. watt

93. a low-pi__hed sound *n.* the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something
94. r__l a ball *v.* to move in a particular direction by turning over and over or from side to side
95. the speaker's dr__e *n.* a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control
96. a cr__y scheme *adj.* stupid or not sensible; very angry
97. ro___t growth *adj.* sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity
98. pr_____er design *n.* a device with rotating blades or vanes used for propulsion or creating lift, typically used on boats or aircraft
99. ind_____lly designed product *adv.* separately or apart from others
100. col_____te on a press release *v.* to work with someone else to produce or achieve something
101. ci_____ar economy *adj.* shaped like a circle; having a round form
102. a chemical fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully

ANSWERS: 93. pitch, 94. roll, 95. drone, 96. crazy, 97. robust, 98. propeller, 99. individually, 100. collaborate, 101. circular, 102. fertilizer

103. local apple or_____d *n.* a piece of land that is planted with fruit trees, such as apples, pears, or cherries
104. in__r the possibility *v.* to form an opinion or conclude that something is true based on existing facts
105. satellite pa_____d *n.* the amount of cargo or goods that a vehicle or equipment is designed to carry or transport; in computing, the amount of data that can be transmitted over a communication system
106. op_____ze control for cooling *v.* to make the best or most effective use of something
107. n__m of action *n.* something that is regarded as usual, typical, or standard
108. s__t beliefs *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
109. st_____h along the coast *v.* to make or be capable of making anything longer or broader without hurting or breaking
110. on_____d computer *v.* to become or make part of a team, group, or system; to install, activate, or begin using a piece of equipment or software; (adjective) included or integrated into a particular system, machine, or device
111. become p__y to terrorists *n.* the object of a hunt; an animal hunted or trapped for eating

ANSWERS: 103. orchard, 104. infer, 105. payload, 106. optimize, 107. norm, 108. sect, 109. stretch, 110. onboard, 111. prey

112. a campus dem_____ion *n.* a display or show, often of a particular skill or product, intended to convince or persuade others
113. ca___n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
114. parallel com_____on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
115. ex_____e a bold strategy *v.* to kill someone, especially as a legal punishment; to carry out or perform an action, duty, etc.
116. ab___b a shock *v.* to take in a fluid or other substance gradually
117. a coo_____te clause *v.* to bring the different parts of the activity and the people into an organized, ordered, or efficient relationship; (adjective) of equal importance, rank, or degree
118. c__p herbicide *n.* a plant that is cultivated in large amounts, particularly for food
119. 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
120. in_____ay among neurons *n.* the way in which two or more things interact or influence each other

ANSWERS: 112. demonstration, 113. carbon, 114. computation, 115. execute, 116. absorb, 117. coordinate, 118. crop, 119. laser, 120. interplay

121. ac_____e success *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
122. int_____ion education *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
123. complex in_____ay *n.* the way in which two or more things interact or influence each other
124. st_____h a story *v.* to make or be capable of making anything longer or broader without hurting or breaking
125. protect an_____ty *n.* the condition of being anonymous or unidentified; the state of not revealing one's name, identity, or other personal information
126. common in_____on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
127. rec_____ion aid *n.* the process of rebuilding or repairing something that has been damaged or destroyed or of restoring something to its original condition
128. lack of dis_____le progress *adj.* able to be perceived or recognized; clear or distinguishable
129. me_____al chemistry *adj.* of or relating to the treatment or cure of disease

ANSWERS: 121. achieve, 122. introduction, 123. interplay, 124. stretch, 125. anonymity, 126. invention, 127. reconstruction, 128. discernible, 129. medicinal

130. ch__n reaction *n.* a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
131. the local chamber of co____ce *n.* the activity of buying and selling things, especially on a large scale
132. di____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
133. na____te through a document *v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map
134. 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
135. de____e in quality *v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept
136. comment with an____ty *n.* the condition of being anonymous or unidentified; the state of not revealing one's name, identity, or other personal information
137. penicillin-re____nt bacteria *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
138. an ag____te of people *n.* a collection or sum of different things often used to describe a total or combination of items
139. in____e him to write a novel *v.* to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative

ANSWERS: 130. chain, 131. commerce, 132. disease, 133. navigate, 134. collision, 135. decline, 136. anonymity, 137. resistant, 138. aggregate, 139. inspire

140. si_____ly situated	<i>adv.</i> in almost the same way
141. in_____ct with one another	<i>v.</i> to communicate or react with somebody
142. uns_____red text	<i>adj.</i> not having a clear organization or arrangement
143. ad__t as needed	<i>v.</i> to make fit for or change to suit a new purpose or environment
144. na_____te the Pacific	<i>v.</i> to plan and direct the way that a ship, plane, etc. will travel, often by using a map
145. sma_____ne app developer	<i>n.</i> a mobile phone that functions as a computer and connects to the Internet
146. cu_____te relationships	<i>v.</i> to prepare and foster land for growing crops or plants
147. res_____le for a customer service	<i>adj.</i> answerable or accountable for something within one's power, control, or management
148. thrown out into mi____r	<i>n.</i> some point in the air; above ground level
149. in_____e a feeling of curiosity	<i>v.</i> to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
150. de_____p a strategy	<i>v.</i> 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
151. co_____e chemically with another substance	<i>v.</i> to join or merge to form a single thing or group

ANSWERS: 140. similarly, 141. interact, 142. unstructured, 143. adapt, 144. navigate, 145. smartphone, 146. cultivate, 147. responsible, 148. midair, 149. inspire, 150. develop, 151. combine

152. an aut_____us judiciary *adj.* capable of governing or controlling its affairs
153. have si_____ly great abilities *adv.* in almost the same way
154. de___t a bad event *v.* to find or recognize something, especially something difficult to see, hear, etc.
155. a remote re_____ve *adj.* considered and evaluated through comparison with something else
156. cannot log in to the a_p *n.* (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC
157. pa_____d capacity *n.* the amount of cargo or goods that a vehicle or equipment is designed to carry or transport; in computing, the amount of data that can be transmitted over a communication system
158. de_____e a job offer *v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept
159. id_____ty as an individual *n.* the fact of being who or what somebody or something is; the features, emotions, or ideas that distinguish persons from one another
160. a working co_____on *n.* a person or an animal with whom you spend a lot of time, or you travel
161. air co_____or *n.* a hallway or passageway, especially one connecting rooms or areas within a building or structure
162. v__y according to the age *v.* to become different in terms of size, shape, etc.

ANSWERS: 152. autonomous, 153. similarly, 154. detect, 155. relative, 156. app, 157. payload, 158. decline, 159. identity, 160. companion, 161. corridor, 162. vary

163. re____ve factors *adj.* considered and evaluated through comparison with something else
164. ill_____te a story *v.* to provide pictures, photographs, diagrams, etc. in a book or something for explanation
165. rec_____ble landmark *adj.* easy to become aware of or identify
166. en_____le in wires *v.* to become twisted or knotted together, especially in a way that makes it difficult to separate them; to involve in something complicated or difficult to escape
167. c__t members *n.* a small religious group, especially one that is not part of a larger religion and that is regarded as outside the norm; followers of an exclusive system of beliefs and practices
168. oxygenic pho_____sis *n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
169. s__n a document into PDF *v.* to examine something hastily, with the eyes or with a machine, to get information
170. co_____te to the size *v.* to have a connection or relationship in which one thing affects or depends on another
171. hi_____am distribution *n.* a graphical representation of data that shows the distribution of values in a set or group typically displayed as a series of bars of varying heights or widths

ANSWERS: 163. relative, 164. illustrate, 165. recognizable, 166. entangle, 167. cult, 168. photosynthesis, 169. scan, 170. correlate, 171. histogram

172. a rec_____ar piece of paper *adj.* having four right angles and opposite sides that are equal in length
173. s__n the face of the man *v.* to examine something hastily, with the eyes or with a machine, to get information
174. ind_____al freedom *n.* a single person or thing, as distinct from a group
175. uns_____red information *adj.* not having a clear organization or arrangement
176. coo_____te a special project *v.* to bring the different parts of the activity and the people into an organized, ordered, or efficient relationship; (adjective) of equal importance, rank, or degree
177. at the first on__t *n.* the beginning or early stages of unpleasant something; a military attack
178. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
179. b__z marketing *v.* to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere
180. a good grounding in mat_____cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
181. pe_____de residue *n.* a substance used for preventing, destroying, repelling, or mitigating any pest
182. better fuel eff_____cy *n.* the state or quality of doing something well with no waste of input such as time or money

ANSWERS: 172. rectangular, 173. scan, 174. individual, 175. unstructured, 176. coordinate, 177. onset, 178. experiment, 179. buzz, 180. mathematics, 181. pesticide, 182. efficiency

183. a rec_____ar piece of wood *adj.* having four right angles and opposite sides that are equal in length
184. loss of muscle coo_____ion *n.* the act of making all the people involved in a plan or activity work together effectively; the ability to control different parts of the body effectively
185. nonsynthetic fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully
186. ae____l antenna *n.* a type of acrobatics or gymnastics performed while suspended from hanging fabric or rings; a pass or shot in sports (particularly in soccer or volleyball) that is made while the player is in the air
187. social di_____ce *n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance
188. a det_____nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
189. sma_____ne addict *n.* a mobile phone that functions as a computer and connects to the Internet
190. a cloud passing ov_____ad *n.* the expense of maintaining something that is involved in operating a business, such as rent and heating; (adverb) above your head; in the sky

ANSWERS: 183. rectangular, 184. coordination, 185. fertilizer, 186. aerial, 187. distance, 188. determinant, 189. smartphone, 190. overhead

191. lig_____ht aircraft *adj.* composed of thinner and lighter material than average; not severe or impressive
192. a cold cl_____e *n.* the weather in a particular location averaged over some long period
193. su_____d a decision *v.* to stop something from continuing or being in force or effect, either temporarily or permanently; to hang something freely
194. bo____e across the floor *v.* to cause to move up or away after hitting a surface; to spring back
195. dr__e flight *n.* a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control
196. ad____t a schedule *v.* to make a minor modification to something to make it more suited for a new set of conditions or to make it function better.
197. the in_____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
198. op_____ze a process *v.* to make the best or most effective use of something
199. ab____b energy *v.* to take in a fluid or other substance gradually
200. under a ca____y of smoke *n.* a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it

ANSWERS: 191. lightweight, 192. climate, 193. suspend, 194. bounce, 195. drone, 196. adjust, 197. invention, 198. optimize, 199. absorb, 200. canopy

201. ho____ee colony *n.* a type of bee that is known for producing honey and pollinating flowers
202. bo___e back from failure *v.* to cause to move up or away after hitting a surface; to spring back
203. dem_____ion project *n.* a display or show, often of a particular skill or product, intended to convince or persuade others
204. fu_____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
205. es_____te this chicken to weigh three pounds *v.* to guess or calculate the cost, size, value, etc. of something
206. tri_____ion method *n.* the process of determining the location or position of something, such as an object, place, or point, by measuring the angles or distances between multiple reference points or landmarks
207. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
208. ea___e eyes *n.* a large predatory bird with a hooked beak and broad wings, known for its keen eyesight and powerful flight; a symbol of strength and freedom in many cultures

ANSWERS: 201. honeybee, 202. bounce, 203. demonstration, 204. function, 205. estimate, 206. triangulation, 207. communal, 208. eagle

209. ad___t the rearview mirror *v.* to make a minor modification to something to make it more suited for a new set of conditions or to make it function better.
210. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
211. an agg_____ve war *adj.* behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly
212. temporary ba_____id fix *n.* a small strip or patch of adhesive material, with a sterile gauze pad in the center, used to cover a minor wound or injury and help promote healing
213. elliptic ga_____y *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
214. intellectual f__t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
215. com_____te for a car accident *v.* to make up for a loss, injury, or inconvenience by giving something of value
216. co_____e the value *v.* to make a mathematical calculation
217. driving di_____ce *n.* the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance

ANSWERS: 209. adjust, 210. responsible, 211. aggressive, 212. band-aid, 213. galaxy, 214. feat, 215. compensate, 216. compute, 217. distance

218. dis_____age small businesses *n.* a drawback or a negative aspect of something; (verb) to put someone or something in an unfavorable position
219. flow of el_____ons *n.* a tiny particle with the negative electrical charge
220. c__w hammer *n.* a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects
221. immune fu_____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
222. ad__t fully to the environment *v.* to make fit for or change to suit a new purpose or environment
223. three-fourths of a po__d *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
224. jazz imp_____ion *n.* the act of making something up on the spot or creating or performing something without preparation
225. im_____e the test score *v.* to make or become better

ANSWERS: 218. disadvantage, 219. electron, 220. claw, 221. function, 222. adapt, 223. pound, 224. improvisation, 225. improve

226. become ess_____ly same *adv.* relating to the essential features or concepts of anything
227. mi__c numerous instruments *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
228. ae___l photography *n.* a type of acrobatics or gymnastics performed while suspended from hanging fabric or rings; a pass or shot in sports (particularly in soccer or volleyball) that is made while the player is in the air
229. theory of com_____on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
230. g__b an audience *v.* to take hold of something or someone suddenly with a hand, especially in a violent way
231. f__e their homes *v.* to leave by running away, especially out of fear or danger
232. development of aut_____us vehicles *adj.* capable of governing or controlling its affairs
233. an ine_____ve inn *adj.* costing little; having a low price
234. chemical ad_____on *n.* the act or process of adding something to something else; the process of adding numbers
235. cu_____te a field *v.* to prepare and foster land for growing crops or plants

ANSWERS: 226. essentially, 227. mimic, 228. aerial, 229. computation, 230. grab, 231. flee, 232. autonomous, 233. inexpensive, 234. addition, 235. cultivate

236. c__p field	<i>n.</i>	a plant that is cultivated in large amounts, particularly for food
237. pr_____le of treatment	<i>n.</i>	a fundamental law or truth that explains or controls how something happens or works
238. supply ch__n	<i>n.</i>	a series of connected links or objects; a system or group of interconnected elements; a restraint or shackle
239. pa_____t with weight loss	<i>n.</i>	a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
240. g__m amount	<i>n.</i>	a metric unit of weight equal to one-thousandth of a kilogram
241. ch_____is diagnosis	<i>n.</i>	a condition in plants characterized by the yellowing or whitening of leaf tissue caused by the insufficient production or impaired function of chlorophyll
242. new di_____on	<i>n.</i>	a measurable extent of a particular kind, such as width, height, or length
243. as_____le your colleagues	<i>v.</i>	to collect in one place as a single group
244. f__e abroad	<i>v.</i>	to leave by running away, especially out of fear or danger
245. effects of cl_____e change	<i>n.</i>	the weather in a particular location averaged over some long period
246. decision-making pr_____s	<i>n.</i>	a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 236. crop, 237. principle, 238. chain, 239. patient, 240. gram, 241. chlorosis, 242. dimension, 243. assemble, 244. flee, 245. climate, 246. process

247. or_____d tree *n.* a piece of land that is planted with fruit trees, such as apples, pears, or cherries
248. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
249. a st_____ht line *adj.* extending or moving in one direction without bending or curving; having no deviations
250. sp__t a bill *v.* to divide, or to make something divide into two or more parts, especially along a particular line
251. th_____l energy *adj.* relating to heat or temperature; designed for or capable of producing or maintaining heat
252. an insect c__e *n.* a structure made of metal bars or wire in which birds or animals can be kept
253. visual im_____y *n.* the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events
254. emotionally en_____le *v.* to become twisted or knotted together, especially in a way that makes it difficult to separate them; to involve in something complicated or difficult to escape
255. a ga___y of famous actors *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity

ANSWERS: 247. orchard, 248. develop, 249. straight, 250. split, 251. thermal, 252. cage, 253. imagery, 254. entangle, 255. galaxy

256. drinking co_____ons *n.* a person or an animal with whom you spend a lot of time, or you travel
257. mat_____cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
258. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
259. p__y of beast *n.* the object of a hunt; an animal hunted or trapped for eating
260. data coo_____ion *n.* the act of making all the people involved in a plan or activity work together effectively; the ability to control different parts of the body effectively
261. c__t's practices *n.* a small religious group, especially one that is not part of a larger religion and that is regarded as outside the norm; followers of an exclusive system of beliefs and practices
262. ad__t a child *v.* to choose to follow something; to legally take a child from another family and care for them as if they were one's own
263. ac_____e milestones *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
264. imp_____ion on stage *n.* the act of making something up on the spot or creating or performing something without preparation

ANSWERS: 256. companion, 257. mathematics, 258. determinant, 259. prey, 260. coordination, 261. cult, 262. adopt, 263. achieve, 264. improvisation

265. co___y goods by truck *v.* to express ideas, feelings, etc. so that it is known or understood by other people; to carry something from one place to another
266. field of vi___l arts *adj.* relating to seeing or sight
267. pr____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
268. p__t a revolution *n.* a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal
269. bring la____er *n.* the act or sound of laughing
270. cr__y about cars and racing *adj.* stupid or not sensible; very angry
271. health in__x *n.* a list of items, such as names, subjects, or keywords, that is arranged in a particular order and is usually found at the end of a book or document; a number or symbol that indicates the value or level of something, such as a stock index or a temperature index
272. premature mal_____hed infant *adj.* not getting enough of the right type of food to stay healthy and strong
273. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 265. convey, 266. visual, 267. process, 268. plot, 269. laughter, 270. crazy, 271. index, 272. malnourished, 273. environment

274. cultural n__m	<i>n.</i> something that is regarded as usual, typical, or standard
275. co_____e augmented reality	<i>v.</i> to join or merge to form a single thing or group
276. col_____te with the police	<i>v.</i> to work with someone else to produce or achieve something
277. re_____nt to persuasion	<i>adj.</i> not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
278. co_____al combination of funds	<i>adj.</i> belonging to or used by a group rather than individuals; for common use
279. the dis_____age of a plan	<i>n.</i> a drawback or a negative aspect of something; (verb) to put someone or something in an unfavorable position
280. dis_____le pattern	<i>adj.</i> able to be perceived or recognized; clear or distinguishable
281. the crosswise di_____on	<i>n.</i> a measurable extent of a particular kind, such as width, height, or length
282. carbon fi__r	<i>n.</i> thread or filament used to make a vegetable tissue, mineral material, or textile
283. do_____ad the assignment from the website	<i>v.</i> to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device
284. end of the gr__e period	<i>n.</i> a quality of being pleasing, especially in appearance or manner; a temporary exemption, especially an extended period granted as a special favor; a short prayer of thanks before a meal

ANSWERS: 274. norm, 275. combine, 276. collaborate, 277. resistant, 278. communal, 279. disadvantage, 280. discernible, 281. dimension, 282. fiber, 283. download, 284. grace

285. anthropology lab_____ry *n.* a workplace for doing scientific research or teaching science; a lab
286. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
287. p__t twist *n.* a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal
288. a sw__m of mosquitoes *n.* a group of many things, such as insects, fishes, etc., in the air or water or on the ground
289. cost of solar pa__ls *n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
290. com_____te well with my advisor *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
291. su_____d fruits from the ceiling *v.* to stop something from continuing or being in force or effect, either temporarily or permanently; to hang something freely
292. res_____on of a conflict *n.* a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display

ANSWERS: 285. laboratory, 286. environment, 287. plot, 288. swarm, 289. panel, 290. communicate, 291. suspend, 292. resolution

293. secret s__t *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
294. mi__c a human voice *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
295. de___y troops for battle *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
296. a s__t on his honor *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
297. a bird in a c__e *n.* a structure made of metal bars or wire in which birds or animals can be kept
298. cen_____er measurement *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
299. pa_____t in the hospital *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
300. re__t against his way of thinking *v.* to take action in response to something
301. hi_____am chart *n.* a graphical representation of data that shows the distribution of values in a set or group typically displayed as a series of bars of varying heights or widths

ANSWERS: 293. sect, 294. mimic, 295. deploy, 296. spot, 297. cage, 298. centimeter, 299. patient, 300. react, 301. histogram

302. pr_____er aircraft *n.* a device with rotating blades or vanes used for propulsion or creating lift, typically used on boats or aircraft
303. v__y directly with the price *v.* to become different in terms of size, shape, etc.
304. st_____ht for two months *adj.* extending or moving in one direction without bending or curving; having no deviations
305. c__w marks *n.* a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects
306. leaf ch_____is *n.* a condition in plants characterized by the yellowing or whitening of leaf tissue caused by the insufficient production or impaired function of chlorophyll
307. co_____e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
308. a pr_____on instrument *n.* the quality or condition of being exact and accurate
309. clear desk cl_____r *n.* to fill a room or place with so many items that it becomes messy
310. satellite im_____y *n.* the use of words or pictures in books, photographs, paintings, etc., that produces pictures in the minds of people; the ability to form mental images of things or events

ANSWERS: 302. propeller, 303. vary, 304. straight, 305. claw, 306. chlorosis, 307. consume, 308. precision, 309. clutter, 310. imagery

311. vi___l navigation *adj.* relating to seeing or sight
312. su_____e you're right *v.* to think that something is likely to be actual or possible
313. an in_____ed lamp *adj.* relating to or denoting electromagnetic radiation with a wavelength just longer than that of red light but shorter than that of microwave radiation, used for sensing heat and for remote control
314. political tri_____ion *n.* the process of determining the location or position of something, such as an object, place, or point, by measuring the angles or distances between multiple reference points or landmarks
315. co_____on detection *n.* an instance of two or more objects or entities crashing into each other, usually resulting in damage, impact, or conflict
316. locust sw___m *n.* a group of many things, such as insects, fishes, etc., in the air or water or on the ground
317. co_____ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole
318. self-int_____ion *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
319. mal_____hed population *adj.* not getting enough of the right type of food to stay healthy and strong

ANSWERS: 311. visual, 312. suppose, 313. infrared, 314. triangulation, 315. collision, 316. swarm, 317. construct, 318. introduction, 319. malnourished

320. beauty s__t *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
321. ex_____e a double play *v.* to kill someone, especially as a legal punishment; to carry out or perform an action, duty, etc.
322. co_____ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole
323. walk along a co_____or *n.* a hallway or passageway, especially one connecting rooms or areas within a building or structure
324. a private ind_____al *n.* a single person or thing, as distinct from a group
325. in a cl_____r *n.* to fill a room or place with so many items that it becomes messy
326. the RSA al_____hm *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
327. ca___y layer *n.* a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it
328. de___y safety measures *v.* to move troops or weapons into a position or military action; to bring into something in an effective way
329. f__t accomplishment *n.* a notable or impressive achievement, especially one that requires great skill or bravery

ANSWERS: 320. spot, 321. execute, 322. construct, 323. corridor, 324. individual, 325. clutter, 326. algorithm, 327. canopy, 328. deploy, 329. feat

330. ad__t a bill

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

331. g__b an opportunity

v. to take hold of something or someone suddenly with a hand, especially in a violent way

ANSWERS: 330. adopt, 331. grab

Session 3: Fill in the Blanks

1. Most countries prohibit sexual activity between certain close _____.
adj. considered and evaluated through comparison with something else
2. We want to _____ ties between our two countries.
v. to make or become better
3. I cut my finger, so I put a _____ on the wound.
n. a small strip or patch of adhesive material, with a sterile gauze pad in the center, used to cover a minor wound or injury and help promote healing
4. We may frequently _____ age with the frequency of disease.
v. to have a connection or relationship in which one thing affects or depends on another
5. The company's financial records _____ how successful it has been.
v. to provide pictures, photographs, diagrams, etc. in a book or something for explanation
6. She agreed to _____ with him in creating new artwork.
v. to work with someone else to produce or achieve something
7. The restaurant offered delicious food at an _____ price.
adj. costing little; having a low price
8. The bear used its _____ to catch a fish in the river.
n. a curved, pointed appendage found on the foot or leg of an animal, used for gripping or grasping; a human hand with long, narrow fingers that are curved like a claw; a machine or tool with a claw-like opening used for gripping or lifting objects

ANSWERS: 1. relatives, 2. improve, 3. band-aid, 4. correlate, 5. illustrate, 6. collaborate, 7. inexpensive, 8. claw

9. The company's stock gives a high _____.
- n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
10. The bald _____ symbolizes freedom and strength in the United States.
- n.* a large predatory bird with a hooked beak and broad wings, known for its keen eyesight and powerful flight; a symbol of strength and freedom in many cultures
11. This country _____ its weapons in the east region.
- v.* to move troops or weapons into a position or military action; to bring into something in an effective way
12. This remote _____ is rarely visited.
- n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
13. 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
14. As people age, their digestive capacity also gradually _____.
- v.* to become gradually smaller, fewer, worse, etc.; to refuse to accept
15. He should _____ more with his colleagues.
- v.* to communicate or react with somebody
16. The long _____ was filled with people rushing to get to their rooms before the meeting began.
- n.* a hallway or passageway, especially one connecting rooms or areas within a building or structure

ANSWERS: 9. yield, 10. eagle, 11. deployed, 12. spot, 13. rolled, 14. declines, 15. interact, 16. corridor

17. 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
18. The Milky Way _____ has numerous water-bearing planets.
n. an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
19. Animal desire and preference are always _____ from their behavior.
v. to form an opinion or conclude that something is true based on existing facts
20. This medicine works best when taken at the _____ of a cold.
n. the beginning or early stages of unpleasant something; a military attack
21. The room was only one _____ wider than the piano, making it a tight fit.
n. a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
22. The unique style of this martial arts _____ many action film producers.
v. to make somebody fill with the desire, confidence, or enthusiasm, especially to do something creative
23. The _____ hive is organized into a caste system, with a queen, drones, and workers.
n. a type of bee that is known for producing honey and pollinating flowers
24. In this class, we learn the basic _____ of the plane.
n. a motion or combination of moves that requires skill and care; a clever strategy, activity, or movement intended to give someone an advantage

ANSWERS: 17. altitude, 18. galaxy, 19. inferred, 20. onset, 21. centimeter, 22. inspired, 23. honeybee, 24. maneuver

25. This operation requires both patience and _____.
- n.* the quality or condition of being exact and accurate
26. Several hectares of land are needed to generate more than 1-mega_____ solar power.
- n.* a standard unit for measuring electrical power
27. An _____ tide wrecked the ship.
- adj.* behaving in an angry, energetic, or threatening way towards another person; tending to spread quickly
28. The outermost _____ shell determines the chemical properties of an atom.
- n.* a tiny particle with the negative electrical charge
29. We argue that wages for temporary workers should _____ rise.
- adv.* in almost the same way
30. Powder coating protects the _____ aluminum alloy components.
- adj.* composed of thinner and lighter material than average; not severe or impressive
31. The trapped bear is running amok in its _____.
- n.* a structure made of metal bars or wire in which birds or animals can be kept
32. Maximum heart rates _____ a lot for each individual.
- v.* to become different in terms of size, shape, etc.
33. The essence of economics is to _____ the allocation of limited resources.
- v.* to make the best or most effective use of something

ANSWERS: 25. precision, 26. watt, 27. aggressive, 28. electron, 29. similarly, 30. lightweight, 31. cage, 32. vary, 33. optimize

34. The _____ leader promised his followers that they would achieve enlightenment if they followed his teachings.
- n.* a small religious group, especially one that is not part of a larger religion and that is regarded as outside the norm; followers of an exclusive system of beliefs and practices
35. The use of pseudonyms allows individuals to maintain their _____ online.
- n.* the condition of being anonymous or unidentified; the state of not revealing one's name, identity, or other personal information
36. Synchronized swimming needs close _____ between six performers.
- n.* the act of making all the people involved in a plan or activity work together effectively; the ability to control different parts of the body effectively
37. _____ and weather have an impact on every part of our lifestyles.
- n.* the weather in a particular location averaged over some long period
38. The University _____ the most recalcitrant demonstrators.
- v.* to stop something from continuing or being in force or effect, either temporarily or permanently; to hang something freely
39. In _____ plants use carbon dioxide to feed themselves.
- n.* the process through which plants and other organisms transform light energy into chemical energy, which is then released through cellular respiration to power the organism's activities.
40. Humankind took centuries to _____ true democracy.
- v.* to finish or achieve something successfully
41. He created a beautiful piece of music using only _____.
- n.* the act of making something up on the spot or creating or performing something without preparation

ANSWERS: 34. cult, 35. anonymity, 36. coordination, 37. Climate, 38. suspended, 39. photosynthesis, 40. accomplish, 41. improvisation

42. The _____ camera revealed a hidden image on the surface.

adj. relating to or denoting electromagnetic radiation with a wavelength just longer than that of red light but shorter than that of microwave radiation, used for sensing heat and for remote control

43. Thousands of people attended the protest _____ against the proposed policy.

n. a display or show, often of a particular skill or product, intended to convince or persuade others

44. How did he _____ to your idea?

v. to take action in response to something

45. 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

46. Her scientific background led her to be _____ about the existence of a higher power.

n. a person who believes that it is impossible to know whether there is a god

47. One _____ of success is having a positive attitude and a strong work ethic.

n. a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

48. The forest's _____ provides shade and protection for the plants and animals below.

n. a covering, typically of fabric, supported on poles or suspended above a bed, throne, or other object, used to shelter or screen the person or object below it

ANSWERS: 42. infrared, 43. demonstration, 44. react, 45. communicate, 46. agnostic, 47. determinant, 48. canopy

49. A lack of education can be a significant _____ in today's job market.
n. a drawback or a negative aspect of something; (verb) to put someone or something in an unfavorable position
50. Overall _____ are approximately 400x200mm.
n. a measurable extent of a particular kind, such as width, height, or length
51. Sow early for an early _____.
n. a plant that is cultivated in large amounts, particularly for food
52. He was sick for five _____ days.
adj. extending or moving in one direction without bending or curving; having no deviations
53. His _____ showed highly positive results.
n. the scientific test conducted to observe what happens and gain new knowledge
54. 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
55. _____ children are at risk of developmental delays and chronic health problems.
adj. not getting enough of the right type of food to stay healthy and strong
56. The brain is an incredibly complex organ that controls the body's _____.
n. the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 49. disadvantage, 50. dimensions, 51. crop, 52. straight, 53. experiments, 54. develop, 55. Malnourished, 56. function

57. He used the _____ equation to calculate the dimensions of the oval-shaped garden.
- n.* a closed curve with a shape resembling a stretched circle; in geometry, a figure formed by the intersection of a cone with a plane, where the plane cuts through both halves of the cone
58. You have to _____ your content to the age of the audience.
- v.* to make a minor modification to something to make it more suited for a new set of conditions or to make it function better.
59. I will work hard to _____ my goals and realize my dreams.
- v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
60. In _____ private corporations provide healthcare services.
- n.* the act or process of adding something to something else; the process of adding numbers
61. She flawlessly performed a _____ somersault.
- n.* some point in the air; above ground level
62. The president began to _____ an army.
- v.* to collect in one place as a single group
63. A smaller car will _____ less fuel.
- v.* to spend something, especially fuel, energy, or time, in a large amount
64. This merger will help them reduce _____ costs substantially.
- n.* the expense of maintaining something that is involved in operating a business, such as rent and heating; (adverb) above your head; in the sky

ANSWERS: 57. ellipse, 58. adjust, 59. achieve, 60. addition, 61. midair, 62. assemble, 63. consume, 64. overhead

65. Insects in urban areas are becoming _____ to insecticides.

adj. not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection

66. He _____ hypotheses that no mathematician has ever imagined before.

v. to build or create something; to assemble or combine different parts to form something whole

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

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

68. His car was easily _____ in the parking lot.

adj. easy to become aware of or identify

69. We must consume dietary _____ to maintain good health.

n. thread or filament used to make a vegetable tissue, mineral material, or textile

70. The _____ table was able to seat eight people comfortably.

adj. having four right angles and opposite sides that are equal in length

71. How much is it per one hundred _____

n. a metric unit of weight equal to one-thousandth of a kilogram

72. Her dog is her excellent _____.

n. a person or an animal with whom you spend a lot of time, or you travel

73. I heard the _____ of conversation from the next room.

v. to make a continuous, low humming sound such as the one bee makes; an exciting and active atmosphere

ANSWERS: 65. resistant, 66. constructs, 67. scanned, 68. recognizable, 69. fiber, 70. rectangular, 71. grams?, 72. companion, 73. buzz

74. They will _____ between various emotional states.
v. to cause to move up or away after hitting a surface; to spring back
75. I advised him to _____ to his new surroundings.
v. to make fit for or change to suit a new purpose or environment
76. A _____ of angry bees attacked because we had approached the hive.
n. a group of many things, such as insects, fishes, etc., in the air or water or on the ground
77. The old oak tree stood with _____ and majesty in the park's center.
n. a quality of being pleasing, especially in appearance or manner; a temporary exemption, especially an extended period granted as a special favor; a short prayer of thanks before a meal
78. He is very popular at school because he can _____ all the teachers' accents.
v. to imitate someone's speech, movement, or behavior, especially to make others laugh
79. The boat's _____ stopped working in the middle of the lake.
n. a device with rotating blades or vanes used for propulsion or creating lift, typically used on boats or aircraft
80. The _____ to the new class was informative and engaging.
n. a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
81. Five of the six provinces will become _____ regions under the new federal system of government.
adj. capable of governing or controlling its affairs

ANSWERS: 74. bounce, 75. adapt, 76. swarm, 77. grace, 78. mimic, 79. propeller, 80. introduction, 81. autonomous

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

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

83. The terrorist's _____ remains unknown.

n. the fact of being who or what somebody or something is; the features, emotions, or ideas that distinguish persons from one another

84. I enthusiastically _____ my rival's achievement.

v. to express approval of someone or something by clapping the hands

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

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

86. The boat drifted _____ and was carried away by the current.

adv. in the direction that a stream or river flows; (adjective) in the direction of a stream's current

87. University is a great place to _____ our minds and expertise.

v. to prepare and foster land for growing crops or plants

88. He heard a _____ of sirens roar from the neighboring town.

n. a low continuous humming noise; someone who takes more time than necessary; a pilot-less aerial vehicle that is operated by remote control

89. The sponge _____ water well.

v. to take in a fluid or other substance gradually

ANSWERS: 82. individual, 83. identity, 84. applaud, 85. chain, 86. downstream, 87. cultivate, 88. drone, 89. absorbs

90. Some herds have been observed to _____ hundreds of kilometers.
- v.* to make or be capable of making anything longer or broader without hurting or breaking
91. We want to _____ a schedule for the investigation.
- v.* to bring the different parts of the activity and the people into an organized, ordered, or efficient relationship; (adjective) of equal importance, rank, or degree
92. _____ is the foundation of our economy.
- n.* the practice or science of cultivating the land or raising stock
93. 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
94. The passengers were instructed to _____ the aircraft as quickly as possible so that the flight could depart on time.
- v.* to become or make part of a team, group, or system; to install, activate, or begin using a piece of equipment or software; (adjective) included or integrated into a particular system, machine, or device
95. 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
96. Trees absorb _____ dioxide and give off oxygen.
- n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals

ANSWERS: 90. stretch, 91. coordinate, 92. Agriculture, 93. responsible, 94. onboard, 95. environment, 96. carbon

97. The rain and thunder are _____ today.

adj. stupid or not sensible; very angry

98. The mafioso who collaborated with the police was _____.

v. to kill someone, especially as a legal punishment; to carry out or perform an action, duty, etc.

99. The national assembly has _____ the budget.

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

100. This movie is famous for its romantic _____.

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

101. Animal protection groups call for an end to animal testing in a _____.

n. a workplace for doing scientific research or teaching science; a lab

102. I need to _____ the latest update for my computer's operating system.

v. to transfer data or files from the Internet or computer network to a user's computer or device; (noun) the process of transferring data or information from a remote or central computer to a local computer or device

103. Necessity is the mother of _____.

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

104. The _____ properties of this herb have been known to help with various ailments.

adj. of or relating to the treatment or cure of disease

ANSWERS: 97. crazy, 98. executed, 99. adopted, 100. imagery, 101. laboratory, 102. download, 103. invention, 104. medicinal

105. We _____ the season's total trade deficit at \$50 billion.

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

106. An ironic remark often _____ an intended meaning obliquely.

v. to express ideas, feelings, etc. so that it is known or understood by other people; to carry something from one place to another

107. The doctor diagnosed him with a rare _____ that had no known cure.

n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

108. We can evaluate the performance of an _____ in terms of computation time.

n. a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

109. The marathon runner covered a long _____ in a short amount of time.

n. the amount of space between two points, measured in units such as miles, meters, or kilometers; the extent, scope, or range between two things, such as distance or emotional distance

110. The botanist suggested that the _____ in the elm tree might result from overwatering.

n. a condition in plants characterized by the yellowing or whitening of leaf tissue caused by the insufficient production or impaired function of chlorophyll

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

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

112. The building makes a remarkable _____ impact.

adj. relating to seeing or sight

ANSWERS: 105. estimated, 106. conveys, 107. disease, 108. algorithm, 109. distance, 110. chlorosis, 111. lab, 112. visual

113. Companies often _____ their shares to lower the stock price and encourage investors to buy.
- v.* to divide, or to make something divide into two or more parts, especially along a particular line
114. Shall we _____ a bite to eat?
- v.* to take hold of something or someone suddenly with a hand, especially in a violent way
115. It is an incredible _____ to climb Mount Everest, the highest mountain in the world.
- n.* a notable or impressive achievement, especially one that requires great skill or bravery
116. Each department has done its product costing _____.
- adv.* separately or apart from others
117. 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
118. Some doctor says _____ is the best medicine.
- n.* the act or sound of laughing
119. A _____ of economic advisers from the United States visited the country to help rebuild its economy.
- n.* a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something

ANSWERS: 113. split, 114. grab, 115. feat, 116. individually, 117. laser, 118. laughter, 119. panel

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

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

121. Internet traffic volumes have increased significantly with the advent of _____.

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

122. The _____ for the rocket launch included several satellites and scientific instruments.

- n.* the amount of cargo or goods that a vehicle or equipment is designed to carry or transport; in computing, the amount of data that can be transmitted over a communication system

123. The security camera has _____ four intruders.

- v.* to find or recognize something, especially something difficult to see, hear, etc.

124. Our knowledge helps _____ our clients successfully.

- v.* to plan and direct the way that a ship, plane, etc. will travel, often by using a map

125. _____ a society is an organism.

- adv.* relating to the essential features or concepts of anything

126. The stock market _____ measures the performance of a group of stocks.

- n.* a list of items, such as names, subjects, or keywords, that is arranged in a particular order and is usually found at the end of a book or document; a number or symbol that indicates the value or level of something, such as a stock index or a temperature index

ANSWERS: 120. principle, 121. smartphones, 122. payload, 123. detected, 124. navigate, 125. Essentially, 126. index

127. There was a _____ change in the atmosphere when the boss walked into the room.

adj. able to be perceived or recognized; clear or distinguishable

128. _____ elections were held in several European countries.

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

129. Hydrogen and oxygen _____ to form water.

v. to join or merge to form a single thing or group

130. The vines of the plant _____ themselves around the trellis.

v. to become twisted or knotted together, especially in a way that makes it difficult to separate them; to involve in something complicated or difficult to escape

131. It is a basic instinct to _____ from a dangerous situation.

v. to leave by running away, especially out of fear or danger

132. The discovery of a critical bug caused the company to delay the _____ release.

n. (abbreviation for application) software designed to run on smartphones and other mobile devices or inside a web browser on a PC

133. Her voice gradually increased in _____.

n. the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something

134. The _____ of light and shadow creates a dramatic effect in the painting.

n. the way in which two or more things interact or influence each other

ANSWERS: 127. discernible, 128. Communal, 129. combine, 130. entangled, 131. flee, 132. app's, 133. pitch, 134. interplay

135. The _____ imaging camera was used to detect heat signatures in the dark.
adj. relating to heat or temperature; designed for or capable of producing or maintaining heat
136. The farmer sprayed _____ on his crops to protect them from insects.
n. a substance used for preventing, destroying, repelling, or mitigating any pest
137. The object's _____ kept it moving in a straight line until acted upon by an outside force.
n. the quality or state of being inactive, sluggish, or slow to move or act
138. I tried to _____ the efficiency of the investment.
v. to make a mathematical calculation
139. The systems we have developed has accepted as industry _____.
n. something that is regarded as usual, typical, or standard
140. The minority _____ believed in a set of unconventional religious practices.
n. a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
141. The _____ for applying for a visa can be lengthy and complicated.
n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
142. Our company must continue to strive for greater _____.
n. the state or quality of doing something well with no waste of input such as time or money

ANSWERS: 135. thermal, 136. pesticide, 137. inertia, 138. compute, 139. norms, 140. sect, 141. process, 142. efficiency

143. The car's front bumper cost fifteen hundred _____.
- n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
144. The researcher demonstrated the superiority of quantum _____ in several mathematical tasks.
- n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
145. The company offered to _____ the employees for the overtime they worked.
- v.* to make up for a loss, injury, or inconvenience by giving something of value
146. The government announced a plan for the _____ of the city's infrastructure.
- n.* the process of rebuilding or repairing something that has been damaged or destroyed or of restoring something to its original condition
147. The data was organized into a _____ to show the frequency of occurrence of each value.
- n.* a graphical representation of data that shows the distribution of values in a set or group typically displayed as a series of bars of varying heights or widths
148. The farmer owns an _____ where he grows apples, pears, and plums.
- n.* a piece of land that is planted with fruit trees, such as apples, pears, or cherries
149. The _____ course was challenging but fun.
- n.* a thing that blocks one's way or prevents or hinders progress
150. The _____ shape of the planet makes it difficult to determine which direction is north.
- adj.* shaped like a circle; having a round form

ANSWERS: 143. pounds, 144. computation, 145. compensate, 146. reconstruction, 147. histogram, 148. orchard, 149. obstacle, 150. circular

151. The archaeologists used GPS _____ to accurately map the ancient ruins.
- n.* the process of determining the location or position of something, such as an object, place, or point, by measuring the angles or distances between multiple reference points or landmarks
152. 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
153. The _____ amount of money raised for the charity was over a million dollars.
- n.* a collection or sum of different things often used to describe a total or combination of items
154. 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
155. He has a flair for _____.
- n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
156. What do you _____ the culprit's motive was?
- v.* to think that something is likely to be actual or possible
157. This company has invested heavily in Internet _____.
- n.* the activity of buying and selling things, especially on a large scale
158. The _____ view from the airplane showed the beautiful landscape below.
- n.* a type of acrobatics or gymnastics performed while suspended from hanging fabric or rings; a pass or shot in sports (particularly in soccer or volleyball) that is made while the player is in the air

ANSWERS: 151. triangulation, 152. clutter, 153. aggregate, 154. collision, 155. mathematics, 156. suppose, 157. commerce, 158. aerial

159. The doctor carefully examined the _____ medical history.

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

160. The _____ of the novel centers around a group of friends who uncover a conspiracy to control the world's water supply.

n. a secret plan or scheme to achieve a specific goal; the plan or main story of a literary work; (verb) to plan secretly, usually something illegal

161. The experiment yielded _____ results that support his theory.

adj. sturdy and healthy in form, constitution, or construction; strong enough to withstand or overcome intellectual challenges or adversity

162. Nitrogen fixation by the Haber-Bosch method leads to the mass production of _____.

n. a natural or chemical substance added to soil to make plants grow more successfully

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

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

164. He made a desperate effort to _____ an airliner.

v. to seize control of an airplane or other vehicle during an operation, especially with violence

165. The majority of snakes swallow their _____ whole.

n. the object of a hunt; an animal hunted or trapped for eating

ANSWERS: 159. patient's, 160. plot, 161. robust, 162. fertilizers, 163. resolution, 164. hijack, 165. prey

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

adj. not having a clear organization or arrangement

ANSWERS: 166. unstructured