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Vocabulary Builder Reference from...

Barry Schuler: Genomics 101 | TED Talk

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All Words

IMPORTANT

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Session 1: Word List

genome

n. the complete set or sequence of genes of a human, animal, plant, or other living things

(1) sequencing of the human **genome**, (2) **genome** analyses

The human **genome** contains approximately three billion chemical base pairs.

revolution

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

synonym: coup, innovation, rebellion

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

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

odyssey

n. a long wandering and eventful journey; a Greek epic poem attributed to Homer, describing the journey of Odysseus after the fall of Troy

(1) go on a serious **odyssey**, (2) cross-country **odyssey**

He continued the extraordinary **odyssey** with his brother.

boom

n. a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound

synonym : roaring, prosperity, boost

(1) **boom** in sales, (2) a sonic **boom**

The high-technology industry is enjoying a **boom**.

monolith

n. a large, single upright block of stone, especially one shaped into a pillar or monument; something that is very large, solid, and uniform in shape or appearance

synonym : monument, megalith, slab

(1) metal **monolith**, (2) towering **monolith**

The art exhibit featured a massive **monolith** sculpture made entirely of recycled materials.

Arthurian

adj. relating to king Arthur and the tales and legends associated with him

(1) the **Arthurian** cycle, (2) **Arthurian** romances

The **Arthurian** legends of King Arthur and the knights of the Round Table are popular literary motifs.

representation

n. the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting

synonym : delegacy, manifestation, expression

(1) sales **representation**, (2) binary **representation**

A person who has been declared incompetent should have legal **representation**.

seminal

adj. highly original, influential, or innovative; containing the seeds or beginnings of future development or growth; (of medicine) of or relating to semen or the male reproductive system

synonym : influential, groundbreaking, original

(1) **seminal** research, (2) **seminal** duct

The book was a **seminal** work in psychology, influencing generations of researchers.

evolution

n. a gradual process of transformation of living things

synonym : elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory
They study the **evolution** of the universe.

ape *n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
synonym: monkey, primate, simian
(1) jungle **ape**, (2) play the **ape**
The scientist studied the behavior of **apes** in the wild.

acceleration *n.* a rate of increase in velocity; the rate of change of velocity with respect to time
synonym: speed up, quicken, hastening
(1) a unit of **acceleration**, (2) **acceleration** of an object
The car's **acceleration** was impressive, going from 0 to 60 mph in just 5 seconds.

breed *v.* to keep animals for producing offspring in a regulated manner
synonym: raise, multiply, reproduce
(1) **breed** horses, (2) **breed** suspicion
This animal **breeds** in northern latitudes.

probable *adj.* likely to happen or likely to be true
synonym: likely, possible, potential
(1) **probable** outcome, (2) **probable** cause of a fire
It seems **probable** that he has forgotten our scheduled meeting.

device *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
synonym: gadget, instrument, tool
(1) electronic **device**, (2) tracking **device**
I always carry a backup **device** in case my phone runs out of battery.

microprocessor

n. a computer component containing all the functions of the central processing unit

synonym: IC, chip, microchip

(1) **microprocessor** chip, (2) dedicated **microprocessor**

As a result of improvements in **microprocessor** performance, many consumer electronics products are now Internet-connected.

flatten

v. to make something flat, smooth, or level; to remove or reduce any irregularities or bumps; to crush, squash, or press something down to become level or compressed

synonym: level, smooth, even

(1) **flatten** a tire, (2) **flatten** my opponent

The hurricane's powerful winds **flattened** entire neighborhoods, leaving only rubble.

lens

n. a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation

synonym: glass

(1) a convex **lens**, (2) a **lens** with a wide angle

The photographer took this photo using a telephoto **lens**.

inward

adj. directed or facing towards the inside; inside or inward-looking

synonym: internal, introspective, interior

(1) **inward** peace, (2) **inward** cargo

The **inward** motion of the tide was gradually slowing down.

byte

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

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

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

broadband

n. a type of high-speed internet connection that provides wide bandwidth for faster data transmission; any communication technology that allows high-speed data transfer

(1) mobile **broadband**, (2) fiber-optic **broadband**

I need to upgrade my Internet plan to get faster **broadband** speeds.

bat

n. a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis

synonym: cane, rod, stick

(1) **bat** cave, (2) **bat** an eye

The cave was a habitat for **bats**.

studied

adj. deliberately considered or scrutinized; carefully thought out or planned

synonym: thoughtful, deliberate, calculated

(1) **studied** analysis, (2) well- **studied** decision

His speech was carefully crafted and delivered with **studied** confidence.

biology

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

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

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

organism

n. a tiny living thing

synonym: being, creature

(1) aerobic **organism**, (2) group of **organisms**

A diversified plant species generally enhances beneficial **organism** populations.

yeast

n. a type of fungus that is used in making alcoholic drinks such as beer and wine or to make bread rise

synonym : leaven, fungus

(1) **yeast** cell, (2) **yeast-leavened** bread

They carefully nurture a **yeast** fungus used to produce sake.

organ

n. a part of the body of an animal or plant that has a particular purpose and performs a specific job

synonym : function, structure

(1) **organ** bleeding, (2) damage to internal **organs**

These infections have the potential to impact practically every **organ** system.

gene

n. the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

synonym : factor, cistron

(1) **gene** expression, (2) **gene** cloning

A defective **gene** is responsible for the disease.

chromosome

n. a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like

synonym : DNA

(1) a sex **chromosome**, (2) the end of **chromosome**

Human females normally have two X **chromosomes**.

crick

n. sharp pain or stiffness in the neck or back that typically results from a sudden twisting or wrenching movement

synonym : cramp, kink, spasm

(1) stiff **crick**, (2) **crick** in the back

I woke up with a **crick** in my neck from sleeping in an awkward position.

decode

v. to convert something, such as a message or piece of information, from a specific form into one that you can understand

synonym : decipher, translate, interpret

(1) **decode** a message, (2) ability to **decode** the differences

The software could **decode** the encrypted data and reveal the hidden information.

helix

n. a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

synonym: coil, spiral, twist

(1) **helix** structure, (2) alpha **helix**

The DNA molecule is shaped like a double **helix**.

molecule

n. a group of two or more atoms held together by attractive forces known as chemical bonds

synonym: particle, element, atom

(1) small **molecules**, (2) **molecule** behavior

The shape of the DNA **molecule** is a double helix.

complicated

adj. involving a lot of different things or parts in a way that is difficult to understand or analyze

synonym: complex, convoluted, intricate

(1) a **complicated** process, (2) become increasingly **complicated**

He did **complicated** pen-and-ink drawings in just a few days.

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.

characteristic

n. a typical feature or quality that can identify, tell apart, or describe something or somebody

synonym: feature, quality, attribute

(1) stripes **characteristic** of the zebra, (2) my friend's **characteristic** laugh

Bananas have their **characteristic** taste and odor.

trait

n. a particular feature of your nature

synonym : attribute, feature, quality

(1) chemical **trait**, (2) personality **traits**

Multiple genes may influence behavioral **traits** concurrently.

inherit

v. to receive money, property, or a title from someone after they have died

synonym : obtain, gain, acquire

(1) **inherit** estate, (2) **inherit** ancestral property

After his death, his sons **inherited** his business.

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.

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym : finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

creature

n. a living being, especially an animal

synonym : being, animal, organism

(1) **creature** of habit, (2) artificial **creature**

The deep sea **creature** was unlike anything the scientists had ever seen before.

historic

adj. famous or significant in history, or potentially so

synonym : memorable, momentous, historical

(1) **historic** accomplishment, (2) achieve the **historic** feat
The Chinese people have accomplished several **historic** feats.

arch

n. a curved structure with two supports that holds the weight of something above it, such as a bridge or the upper part of a building

synonym: turn, bow, arc

(1) the **arch** of a person's foot, (2) an **arch-shaped** stone structure

The **arch** bears the weight of the overhead bridge.

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.

instruction

n. detailed direction, order, etc., on how to do or use something

synonym: education, direction, guidance

(1) individual **instruction**, (2) follow his **instructions**

They needed further **instruction** to perform their duties efficiently.

manual

adj. done by hand rather than by machine; (noun) a book of instructions, especially for operating a machine or learning a subject

synonym: by hand, (noun) handbook, (noun) tutorial

(1) car with **manual** transmissions, (2) look at the **manual**

This machine cuts metal by **manual** control.

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**.

elegant

adj. pleasing and graceful in appearance or manner, or showing good taste and refinement

synonym : refined, sophisticated, graceful

(1) **elegant** design, (2) write **elegant** sentences

She wore an **elegant** evening gown to the gala.

represent

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

synonym : depict, express, describe

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

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

chemical

adj. relating to or connected with chemistry;

synonym : chemic, synthetic

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

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

intuitive

adj. obtained through feelings rather than facts or proof

synonym : involuntary, instinctive, innate

(1) **intuitive** eating, (2) **intuitive** judgment

I had an **intuitive** feeling that I might be pregnant.

flip

v. to turn over into a different position quickly; to throw or toss with a light motion

synonym : throw, jump

(1) **flip** over the pork chop, (2) **flip** a coin

He **flipped** when he heard that he had been accepted into the university.

binary

n. a system of numbers that uses only two digits, 0 and 1
synonym : twofold, double

(1) a **binary** number, (2) trading in **binary** options

A **binary** star is a system in which two stars revolve around each other.

digital

adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

synonym : numerical, computerized, cyber

(1) a **digital** watch, (2) **digital** electronic signature

Sensors convert physical phenomena into **digital** signals.

convert

v. to have a talk with someone; (adjective) reversed in order, relation, or action

synonym : alter, remake, transform

(1) **convert** fat into energy, (2) **convert** base 10 to base 16

I want to **convert** my sadness into strength.

bunch

n. a grouping of several similar things which are growing or fastened together

synonym : group, assemblage, bundle

(1) a **bunch** of trees, (2) a **bunch** of schoolgirls

One bad apple spoils the whole **bunch**.

magical

adj. produced by or containing supernatural powers

synonym : enchanting, occult, supernatural

(1) **magical** place, (2) **magical** powers

When I was a child, my mother often cast **magical** spells to ease my pain whenever I was injured.

whiz

v. to move or run quickly and smoothly with a hissing or buzzing sound; to excel or perform skillfully in a particular area; to urinate; (noun) a person who is very clever or skilled at something

synonym : zoom, zip, hurry

(1) **whiz** kid, (2) **whiz** through the book

The racing car **whizzed** past the grandstands, leaving a trail of dust behind it.

complexity

n. the state or quality of being complicated or intricate and difficult to understand

synonym: intricacy, sophistication, elaboration

(1) cognitive **complexity**, (2) **complexity** theory

The project's **complexity** made it difficult for the team to complete it on time.

ramp

n. a sloping surface connecting two levels or inclines, typically used for the movement of people, vehicles, or goods

synonym: slope, incline, gradient

(1) the **ramp** of a chasm, (2) an exit **ramp**

The wheelchair user needed a **ramp** to access the building's entrance.

mechanism

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

synonym: means, method, system

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

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

consist

v. to be composed or made up of

synonym: lie in, comprise, exist

(1) **consist** mainly of cells, (2) **consist** only in knowing facts

This examination **consists** of five problems to solve.

fashion

n. a style that is popular at a particular time or place; the state of being popular

synonym: style, manner, fad

(1) go out of **fashion**, (2) new **fashion** trends
That style is no longer in **fashion**.

buggy

n. a small, lightweight car, usually with no roof, especially drawn by a single horse; (adjective) infested with bugs
synonym: carriage, cart, wagon

(1) baby **buggy**, (2) **buggy** update

This Middle Eastern resort offers dune **buggy** tours through the desert.

bug

n. any tiny insect; a fault or defect in a computer program, system, or machine

synonym: insect, bacterium, microbe

(1) **bug** bites, (2) number of **bug** fixes

I found a stink **bug** crawling across the ceiling.

struggle

v. to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction

synonym: toil, strive, compete

(1) **struggle** against discrimination, (2) **struggle** to get the job

He could not **struggle** against temptation.

cancer

n. abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

synonym: tumor, carcinoma, malignancy

(1) **cancer** diagnosis, (2) **cancer** research

Breast **cancer** is the most common type of cancer in women.

pharmacology

n. the branch of medicine concerned with the study of drugs and their effects on the body, including their properties, uses, and interactions with other substances

synonym: pharmacy, pharmaceuticals

(1) **pharmacology** research, (2) **pharmacology** textbook

Medical professionals must stay up-to-date with the latest

developments in **pharmacology** to ensure optimal patient care.

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**.

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.

factoid

n. something commonly accepted as fact, even though it is probably not true

(1) an attention-grabbing **factoid**, (2) wacky **factoid**

We talked about an interesting **factoid** in today's newspaper.

sequence

n. a series of related events, actions, numbers, etc., which have a particular order

synonym: arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence**

We do move forward with those tasks in **sequence** next week.

noir

adj. a type of film or literature that emphasizes crime, darkness, and moral ambiguity, often using shadowy, low-light cinematography or atmospheric prose; meaning "black" or "dark" in French

synonym: dark, shadowy, black

(1) **noir** crime novel, (2) **noir** atmosphere

The film **noir** genre is known for its dark and brooding atmosphere.

necessarily

adv. in an essential manner; in such a way as could not be otherwise

synonym: inevitable, certainly, automatically

(1) not **necessarily** a problem, (2) **necessarily** true

This accident was something that happened **necessarily**.

evolutionary

adj. relating to or denoting how living things develop or change from earlier forms

synonym: developmental, mutative, transformative

(1) ecology and **evolutionary** biology, (2) the **evolutionary** process

Evolutionary algorithms can find ways to optimize that humans do not anticipate.

backward

adv. at, to, or toward the direction or place that is behind or rear

synonym: back, rearward, in reverse

(1) walk **backward**, (2) **backward** angle

She falls over **backward** when she sees her mother-in-law.

handsome

adj. physically attractive and pleasing in appearance; attractive and generous

synonym: good-looking, attractive, beautiful

(1) a **handsome** young man, (2) a **handsome** salary

The politician was known for his **handsome** appearance and charm.

skinny

adj. having a very thin or slim body; referring to clothing that is tightly fitting and reveals the shape of the body; referring to information or details that are kept secret or confidential

synonym: slender, lean, thin

(1) **skinny** jeans, (2) **skinny** finger

His mom was always concerned about his **skinny** frame and

encouraged him to eat more

chubby

adj. having a plump or rounded body shape, often used to describe children or pets

synonym: fat, plump, corpulent

(1) **chubby** cheeks, (2) **chubby** arms

The **chubby** toddler waddled around the park, laughing and playing.

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.

genetically

adv. in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

synonym: hereditary, inherited, family-related

(1) **genetically** inherited traits, (2) **genetically** manipulated plant

The **genetically** modified crops were resistant to pests and required less water.

genetic

adj. of or relating to genes (= parts of the DNA in cells) or the science of genes

synonym: hereditary, genetical, inborn

(1) have **genetic** testing, (2) a **genetic** disorder

Understanding protein folding is a vital step in deciphering the **genetic** code.

ultimate

adj. furthest or highest in degree or order

synonym: highest, maximum, foremost

(1) the **ultimate** goal in life, (2) the **ultimate** luxury

Management must take **ultimate** responsibility for the accident.

humming

adj. producing a continuous, low, vibrating sound like that of the bee

synonym : buzzing, droning, vibrating

(1) **humming** sound, (2) **humming** bird

The **humming** of the bees filled the air as she walked through the garden.

doll

n. a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive

synonym : puppet, dolly, toy

(1) plastic **doll**, (2) rag **doll**

The antique **doll** was worth thousands of dollars.

ventral

adj. relating to or situated on or toward the belly or underside of an animal or organ; opposite of dorsal

synonym : abdominal, ventricose, stomachal

(1) **ventral** fin, (2) **ventral** hernia

The **ventral** side of the fish was beautifully colored.

cofounder

n. one of several people who establishes an organization or starts a business

(1) **cofounder** of the university, (2) late **cofounder**

He is the **cofounder** and chairman of this tech company.

industrious

adj. hardworking, diligent, and persistent in effort

synonym : diligent, hardworking, assiduous

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

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

cusp

n. a pointed end, especially the pointed end of a crescent moon or the part of a curve that is most curved

synonym : point, apex, tip

(1) **cusp** of change, (2) a single **cusp**

The project was on the **cusp** of success and needed a little more funding.

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.

pharmacy

n. a place where medicines are prepared and dispensed; a drugstore or chemist's

synonym: drugstore, chemist's, apothecary

(1) **pharmacy** chain, (2) online **pharmacy**

I need to go to the hospital **pharmacy** to pick up my prescription.

residue

n. a substance that remains after a process or reaction; a remnant of something that once existed

synonym: remnants, leftover, debris

(1) **residue** after evaporation, (2) chemical **residue**

There was a **residue** of soap in the bottle that wouldn't come out.

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**.

assume

v. to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

synonym: guess, presume, suppose

(1) **assume** a lousy attitude to his boss, (2) **assume** an

important role

The following example **assumes** that the capacity of each battery is the same.

branch

n. a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization

synonym: limb, twig, bough

(1) **branch** office, (2) a **branch** pipe

The **branch** of the tree had fallen and blocked the road.

blossom

n. the reproductive structure on a flowering plant that consists of usually colorful petals and a typically green calyx (merging of sepals); the state or time of flowering; the peak of a person's or thing's development or success

synonym: flower, bloom, bud

(1) apple **blossom**, (2) **blossom** garden

The cherry **blossom** trees in the park were in full bloom, creating a beautiful sight.

calorie

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

(1) **calorie** calculation, (2) reduce my **calorie** intake

It would be best if you burned off **calories** through vigorous exercise.

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.

conserve

v. to protect something, especially the natural environment or culture, from change, damage, or destruction

synonym : preserve, save, maintain

(1) means to **conserve** energy, (2) **conserve** coal resources

Children must be taught to **conserve** our natural environment.

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.

breakneck

adj. extremely fast and reckless; dangerous and high-speed

synonym : risky, perilous, hazardous

(1) **breakneck** acceleration, (2) **breakneck** pace

She drove at a **breakneck** speed, despite the dangerous conditions on the road.

pace

n. the speed at which someone or something moves, or the rate at which something happens or changes

synonym : gait, rate, speed

(1) at your own **pace**, (2) the runner's **pace**

The economy is growing at a supercharged **pace**.

exciting

adj. causing a lot of interest or excitement

synonym : exhilarating, stimulating, thrilling

(1) **exciting** football player, (2) **exciting** news

The findings of the experiment were both **exciting** and unexpected.

scary

adj. causing fear or fright; frightening; intimidating

synonym : terrifying, frightening, alarming

(1) **scary** dream, (2) **scary** story

The horror movie was so **scary** that I couldn't watch it alone.

projectile

n. an object or weapon that is propelled through the air, with or without explosive power; something that is launched or thrown with great force

synonym : missile, bullet, rocket

(1) **projectile** weapon, (2) **projectile** motion

The **projectile** launched from the cannon soared and landed in the target zone.

puke

v. to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred

synonym : vomit, hurl, upchuck

(1) **puke** my guts, (2) **puke** in the toilet

The smell of rotting food made him **puke** in disgust.

scrape

v. to draw something along a rough or hard surface, typically to remove dirt or other matter

synonym : scratch, graze, rub

(1) **scrape** meat off a bone, (2) **scrape** a hole in the ground

He **scraped** the mud off his boots before entering the house.

cheek

n. either side of the face below the eye and between the nose and the jaw

synonym : jaw, mandible, malar

(1) **cheek** bone, (2) hollowed-out **cheek**

He gently touched her apple-red **cheek** and whispered that he loved her.

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**.

genealogy

n. the study of family history and the tracing of lineages

synonym : lineage, ancestry, family history

(1) **genealogy** research, (2) **genealogy** chart

She spent hours tracing her family tree and discovering new information about her **genealogy**.

functional

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

synonym : applicable, practical, usable

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

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

plaque

n. a flat, often rectangular, piece of metal, wood, or other material, inscribed or carved with commemorative text or designs and used as a decoration or award; a soft, sticky film of bacteria that coats teeth and can cause tooth decay

synonym : tablet, plate, medal

(1) arterial **plaque**, (2) commemorative **plaque**

The dentist removed the **plaque** from my teeth during my cleaning appointment.

artery

n. one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.

synonym : blood vessel, channel, roadway

(1) **artery** blockage, (2) risk of coronary **artery** disease

Continuous consumption of fatty foods leads to the hardening of the **artery**.

starch

n. a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals

synonym : carbohydrate, glucose, dextrin

(1) **starch** granules, (2) potato **starch**

When heated, **starch** molecules absorb water and become thick and gooey, making it a useful thickening agent in cooking.

grain

n. wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance

synonym: seed, piece, cereal

(1) a **grain** of sand, (2) flour made from **grain**

Ordinary air purifiers cannot adequately remove pollen **grains**.

metabolism

n. the set of chemical reactions in cells or organisms that are necessary for life-sustaining

(1) **metabolism** enzyme, (2) hemoglobin **metabolism**

Better sleep leads to increased **metabolism**.

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.

oxide

n. a chemical compound that contains at least one oxygen atom and one other element

(1) silver **oxide**, (2) combined **oxide**

The blood's red coloring comes from iron **oxide**.

grand

adj. important and large in size, scope, or extent

synonym: impressive, great, ambitious

(1) a **grand** meal, (2) **grand** bargain

This year's **grand** gathering will be held in Canada.

spectacular

adj. striking or impressive to look at or in performance or achievement

synonym: breathtaking, impressive, grand

(1) **spectacular** view, (2) achieve **spectacular** growth

The **spectacular** fireworks display was the highlight of the festival.

toolbox

n. a container or storage unit for tools, typically characterized by a handle and one or more

compartments for organizing and storing various tools and equipment

synonym: tool chest, tool kit, tool bag

(1) design **toolbox**, (2) **toolbox** storage

You should always keep a basic **toolbox** in your car in case of an emergency.

architect

n. a person whose job is to design plans to be used in making something, such as buildings

synonym: creator, designer, planner

(1) landscape **architect**, (2) **architect** of the peace accord

The building **architect** tried to build the house above the tree.

writ

n. a written legal order or command

synonym: legal document, order, legal process

(1) a **writ** of summons, (2) issue a **writ**

He was served with a **writ** of eviction, giving him the notice to vacate the property.

synthetic

adj. made by combining chemical substances as opposed to being naturally occurring

synonym: artificial, manufactured, fabricated

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

Synthetic diamonds play an essential role as machine tool blades.

involve

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

synonym: implicate, include, engage

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

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

primitive

adj. of or relating to an early stage of society with no industry or technological development; simple, naive, or

old-fashioned in style

synonym: elementary, naive, rudimentary

(1) **primitive** society, (2) artifact of a **primitive** humankind

The industry in this country is still **primitive**.

mycoplasma

n. a genus of bacteria that lack a cell wall and can cause respiratory and genital infections in humans and animals

synonym: mollicutes, pleuropneumonia-like organisms

(1) **mycoplasma** infection, (2) **mycoplasma** pneumonia

The research team developed a new diagnostic tool to detect **mycoplasma** presence in clinical samples rapidly.

genital

adj. of or relating to the external and internal reproductive organs

synonym: reproductive, genetic, sexual

(1) **genital** bleeding, (2) pain in the **genital** area

The **genital** organs of the human body are necessary for reproduction.

synthesize

v. to combine a substance to make a more complex product or compound

synonym: incorporate, amalgamate

(1) **synthesize** molecules, (2) **synthesize** information

The spider can **synthesize** multiple different silk proteins.

critter

n. a small or unimportant creature or animal, often used in a familiar or affectionate way

synonym: animal, creature, beast

(1) cute **critter**, (2) wild **critter**

During their camping trip, the kids were excited to go **critter** hunting in the woods.

software

n. a set of computer programs and associated documentation and data for doing particular computational jobs

synonym: program, system, operating system

(1) **software** architect, (2) copyrighted **software**
The company specializes in both hardware and **software**.

hardware

n. durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems

synonym: gear, apparatus, gadget

(1) the **hardware** department, (2) a vast inventory of **hardware**

The mouse and keyboard are essential **hardware** for operating a PC.

extreme

adj. very great in amount or degree

synonym: farthestmost, outermost, fierce

(1) **extreme** sports, (2) **extreme** weather events

Solar gravity creates **extreme** pressures and temperatures.

profound

adj. extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension

synonym: deep, unsounded, far-reaching

(1) a **profound** book, (2) the **profound** depths of the sea

My mother's illness had a **profound** impact on us all.

announce

v. to make something known or officially inform people about something

synonym: disclose, declare, broadcast

(1) **announce** candidacy, (2) **announce** the award winners

The third season of the anime show has been **announced**.

identify

v. to recognize someone or something and say or prove who or what they are

synonym: determine, specify, recognize

(1) **identify** handwriting, (2) **identify** gene sequences

I will introduce you to how to **identify** the leading causes of the malfunction.

pathway

n. a track that constitutes or serves as a path; an approach or a way of doing something

synonym: route, footpath, trail

(1) **pathway** to understanding, (2) cellular signaling

pathways

When the first molecule in the **pathway** receives a signal, it activates other molecules.

flavor

n. the taste sensation produced by a substance in the mouth

synonym: taste, savor, essence

(1) a delicate **flavor**, (2) **flavor** enhancer

The **flavor** of the coffee was rich and full-bodied.

compound

n. an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements

synonym: combination, mixture, blend

(1) aquatic **compound**, (2) harmful **compound**

Common salt is a sodium and chlorine **compound**.

crank

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

synonym: eccentric, oddball, kook

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

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

receptor

n. an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way

(1) cellular **receptor**, (2) **receptor** for HIV in humans

Hay fever occurs when a substance called histamine binds to **receptors** in the nose and eyes.

- tongue** *n.* a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a language
synonym: lingo, language, vocabulary
(1) native **tongue**, (2) **tongue** cancer
The **tongue** is boneless, but it is as strong as bones.
- interpret** *v.* to explain or assign the meaning of information, actions, etc.
synonym: decode, decipher, analyze
(1) **interpret** a graph, (2) **interpret** the question
Different people might **interpret** this news differently.
- aroma** *n.* a distinctive, usually pleasant smell, often of a specific food, plant, or object
synonym: fragrance, scent, smell
(1) **aroma** therapy, (2) coffee **aroma**
The **aroma** of freshly baked bread filled the kitchen.
- vulnerable** *adj.* capable of being hurt or influenced physically or mentally
synonym: susceptible, exposed, weak
(1) a **vulnerable** bridge, (2) **vulnerable** parts of the body
Infants and pregnant women are particularly **vulnerable**.
- capability** *n.* the ability, skill, or competence to do something; the potential or aptitude for a particular task or function
synonym: ability, capacity, competence
(1) **capability** assessment, (2) technological **capability**
The company's pricing strategy limits its **capability** to compete with other businesses in the market.
- tick** *n.* a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis
synonym: sound, noise, beat
(1) **tick** of the clock, (2) **tick** fever

I always put a **tick** mark next to the items on my grocery list after buying them.

scratch

v. to cut or damage the surface of something or the skin with a sharp or pointed object

synonym: claw, rub, scrape

(1) **scratch** off a name, (2) **scratch** my signature

Don't **scratch** your mosquito bites.

vine

n. a climbing plant that produces grapes; any plant with a growth habit of trailing or climbing stems

(1) a green **vine**, (2) **vine** of ore

A **vine** remains productive throughout the year.

modify

v. to change something slightly, such as a plan, option, law, etc., especially to make it more suitable for a particular purpose

synonym: adjust, alter, revise

(1) genetically **modify** food, (2) **modify** my behavior

We use adverbs to **modify** verbs and adjectives.

valley

n. a long depression on the surface of the land, which typically contains a river

synonym: canyon, gorge, dale

(1) **valley** bottom, (2) basin-shaped **valley**

The **valley** had received a mild snowfall the previous week.

seed

n. a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant

synonym: germ, kernel, ovule

(1) a **seed** coat, (2) **seed** money

He planted the **seed** in the soil and waited for it to sprout.

graft

n. a transplanted portion of tissue or skin, often taken from one part of the body and used to repair or replace damaged or missing tissue in another part; a corrupt or

illegal means of acquiring wealth or power through illicit or unethical methods

synonym : transplant, implantation, bribery

(1) **graft** surgery, (2) anti- **graft** law

The patient's skin **graft** procedure was successful, and he was released from the hospital.

resistance

n. the act of defending oneself from an aggressor or refusing to accept something

synonym : opposition, antagonism, defiance

(1) **resistance** movement, (2) **resistance** to insulin

The bill to increase the consumption tax had passed despite much **resistance** from the public.

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**.

dramatic

adj. very sudden, very excellent, or full of action and excitement

synonym : striking, theatrical, breathtaking

(1) make **dramatic** changes, (2) a **dramatic** rescue at sea

The statement had a **dramatic** impact on house prices.

technique

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

synonym : approach, procedure, strategy

(1) a **technique** in martial arts, (2) the **technique** applied to construction

Jockey's superior **technique** brought him victory.

conceivable

adj. imaginable or possible to understand or believe in the mind

synonym :

believable, imaginable, probable

(1) **conceivable** way, (2) **conceivable** emergency

It is challenging to defend every **conceivable** target.

expand

v. to increase or to make something greater in size, number, or importance

synonym: extend, grow, boost

(1) **expand** a lineup, (2) **expand** agricultural output

They hope to **expand** their business worldwide.

forbid

v. to order somebody not to do something, especially officially; to keep something from happening or arising

synonym: prohibit, ban, outlaw

(1) **forbid** smoking in public areas, (2) **forbid** the use of chemical weapons

God **forbid** you should regret your marriage.

raspberry

n. a sweet and tart edible fruit that grows on bushes, usually with a soft red or black color and a rough texture on the outside

synonym: blackberry, bramble, dewberry

(1) **raspberry** flavor, (2) **raspberry** tea

The **raspberry** cheesecake at that restaurant is out of this world.

bet

v. to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something

synonym: stake, wager, gamble

(1) **bet** on a race, (2) **bet** my future

I **bet** that you know it.

ecosystem

n. all the plants and living creatures in an area and the way they affect each other and the environment

(1) marine **ecosystem**, (2) change the **ecosystem**

Human conservation efforts often fail unexpectedly because

they disturb the balance of the **ecosystem**.

unique

adj. being the only one of its kind; unlike anything else

synonym: one-of-a-kind, unparalleled, incomparable

(1) a **unique** teacher, (2) **unique** design

The painting is **unique**, and there is no other like it.

digestive

adj. relating to or capable of causing or promoting digestion of food

(1) **digestive** juices, (2) a **digestive** enzyme

A nutritious diet improves **digestive** functions.

tract

n. a region of land, often with a specific purpose or use, such as farming, forestry, or mining; a bundle of nerves or a system of organs in the body

synonym: region, area, tube

(1) a urinary **tract** infection, (2) a **tract** of virgin forest

The farmer owns a large **tract** of land where he grows corn and soybeans.

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**.

microbe

n. a tiny living thing that can only be seen with a microscope and that may cause disease

synonym: germ, microorganism, bacterium

(1) pathogenic **microbe**, (2) **microbes** sterilizer

Microbes thrive on the surface of the human skin.

circulate

v. to move continuously or freely around a place or closed system

synonym: flow, disperse, rotate

(1) **circulate** a rumor, (2) **circulate** an agenda before the meeting

The fan **circulates** the air in the room quickly.

triple

adj. consisting of three items or people; three times as great or many

synonym: threefold

(1) a **triple** mirror, (2) **triple** digits

His coach is a **triple** Olympic champion.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym: earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

regulate

v. to control something, especially by means of rules or laws

synonym: control, restrain, handle

(1) **regulate** blood sugar levels, (2) **regulate** our conduct

We must manage to **regulate** our expenditure.

oxygen

n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

(1) the hydrogen binds the **oxygen**, (2) lack of **oxygen**

The passenger grabbed for the **oxygen** mask.

atmosphere

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

synonym: air, ambiance, circumstances

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

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

coal

n. a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce

heat

synonym : ember

(1) a **coal-fired** ship, (2) construction of new **coal** plants
We combust **coal** and other fossil fuels to generate electricity.

volcanic

adj. relating to or produced by or consisting of volcano

(1) effects of **volcanic** eruptions, (2) increase in **volcanic** activity

This study indicates **volcanic** activity affects global warming.

vent

n. a small opening to escape or release gas, air, liquid, etc.; activity or process that frees or expresses strong creative energy or emotion

synonym : duct, outlet, venthole

(1) volcanic **vent**, (2) **vent** tube

He gave **vent** to his anger by playing the guitar.

amazing

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

synonym : exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

diverse

adj. including numerous categories of individuals or entities; various

synonym : manifold, various, myriad

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

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

colony

n. a country or an area that is governed by a more powerful country that is often far away

synonym : settlement, territory, plantation

(1) plant a **colony**, (2) a **colony** of bacteria

The **colony** declared its independence and became a republic.

viticulture

n. (also "viniculture") the cultivation and production of grapes, particularly for winemaking, which includes the science and practice of growing grapevines, managing vineyards, and harvesting the grapes for wine production

synonym: grape growing, vine cultivation

(1) **viticulture** industry, (2) organic **viticulture**

The winery is known for its commitment to sustainable **viticulture** practices.

concerned

adj. feeling worry or interest about something; showing interest or attention

synonym: worried, caring, involved

(1) persons **concerned**, (2) **concerned** citizen

I am **concerned** about the safety of the children playing in the park.

fertilization

n. the process of joining a sperm and an egg to produce an embryo

synonym: impregnation, pollination, insemination

(1) **fertilization** process, (2) artificial **fertilization**

The **fertilization** of the soil allowed for a bountiful harvest.

notion

n. a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts

synonym: idea, concept, belief

(1) **notion** of success, (2) vague **notion**

The **notion** of time travel has long fascinated scientists and fiction writers alike.

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**.

granular

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

synonym: gritty, grainy, sandy

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

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

terroir

n. the environmental and geographical factors, such as soil type, climate, and topography, that give a particular region or vineyard its unique characteristics and contribute to the flavor and quality of wine or other agricultural products produced there

synonym: region, soil, land

(1) regional **terroir**, (2) wine **terroir**

The soil composition and climate play a crucial role in shaping the **terroir** of a vineyard.

worship

v. to have or show a strong feeling of profound respect and admiration for a religious entity such as God or a god

synonym: adore, idolize

(1) **worship** god, (2) absolutely **worship**

They traditionally **worship** their guru.

argue

v. to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

synonym: debate, dispute, quarrel

(1) **argue** a case, (2) **argue** passionately

The couple began to **argue** over which restaurant to go to for dinner.

debate

n. a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing

perspectives

synonym : argument, discussion, dispute

(1) **debate** topic, (2) **debate** competition

The **debate** over climate change continues to be a hot topic in politics.

soil

n. the top layer of Earth in which plants grow

synonym : earth, ground, mud

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

Soil moisture is another significant component controlling soil respiration.

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.

database

n. a large amount of data stored in a computer system in such a way that it can be searched and updated easily

(1) **database** administrator, (2) employee **database**

Each country's officials can access the central **database**.

fertilize

v. to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well

synonym : pollinate, inseminate, enrich

(1) **fertilize** the soil, (2) **fertilize** the female egg

The couple decided to use the non-husband sperm to **fertilize** a wife.

engineer

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

synonym : architect, creator, builder

(1) a civil **engineer**, (2) **engineer** shortage

The **engineer** will repair my telephone tomorrow morning.

politically

adv. in a way that relates to the government or public affairs of a nation

(1) **politically** advantageous, (2) become **politically** savvy

This newspaper is supposed to be **politically** neutral.

spiritual

adj. relating to or affecting the human spirit or soul as opposed to material or physical things

synonym: otherworldly, ethereal, transcendental

(1) constant **spiritual** striving, (2) **spiritual** leader

The meditation class was focused on finding inner peace and cultivating a more **spiritual** connection with the universe.

religion

n. a deep conviction in a supernatural power that controls human destiny

synonym: faith, creed, belief

(1) **religion** sociology, (2) freedom of **religion**

Their **religion** strictly prohibits them from drinking or gambling.

unnatural

adj. not in accordance with the normal or natural order or not normal, typical, or expected

synonym: abnormal, bizarre, artificial

(1) **unnatural** death, (2) **unnatural** disaster

The **unnatural** growth of the city has disrupted wildlife habitats.

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**.

universe

n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

synonym : cosmos, macrocosm

(1) theory of the **universe**, (2) expansion of the **universe**

The **universe** is about 13.8 billion years old.

reorganize

v. to change to a more sufficient or suitable form of organization

synonym : rearrange, reconstruct, reshuffle

(1) **reorganize** a department, (2) **reorganize** his debts

The new CEO was appointed to **reorganize** their business.

poison

n. a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly

synonym : toxin, venom, pollutant

(1) **poison** ivy, (2) **poison** bilateral relations

The plant's leaves contain a deadly **poison** that can cause hallucinations and seizures.

outcome

n. the result or effect of an action, event, etc.

synonym : result, consequence, effect

(1) improved student **outcomes**, (2) a desirable **outcome**

They awaited news of the **outcome** of the election.

extensive

adj. covering a large area; having a wide range

synonym : ample, comprehensive, vast

(1) **extensive** experience, (2) have **extensive** vocabulary

The incident attracted **extensive** media coverage throughout the world.

gasoline

n. a volatile flammable liquid obtained from petroleum, used mainly as a fuel in car engines, etc.

synonym : gas, petrol, fuel

(1) lead-free **gasoline**, (2) small **gasoline** engine

Luxury cars often require high-octane **gasoline** as fuel.

sophisticated

adj. having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

synonym : refined, cultured, worldly

(1) **sophisticated** look, (2) a **sophisticated** lifestyle

Marketing strategies are growing more **sophisticated**.

hunger

n. a strong desire or craving for something; a feeling of discomfort or weakness caused by lack of food; a chronic condition of insufficient food intake and malnutrition

synonym : appetite, craving, starvation

(1) **hunger** pangs, (2) chronic **hunger**

Many people in the world suffer from **hunger** and malnourishment every day.

nutritious

adj. providing nourishment and essential nutrients for growth, development, and overall well-being; conducive to good health and proper bodily function

synonym : healthy, nourishing, wholesome

(1) **nutritious** ingredients, (2) **nutritious** meal

Eating a balanced and **nutritious** diet is important for maintaining good health.

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**.

plentiful

adj. existing or available in a large quantity or abundance; ample or abundant in supply or availability

synonym : abundant, ample, copious

(1) **plentiful** resources, (2) **plentiful** harvest

The supermarket offers a **plentiful** selection of fresh fruits and vegetables.

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**.

rid *v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person

synonym: do away with, free, clear

(1) get **rid** of the rats, (2) **rid** the body of waste products

We must **rid** ourselves of pollution.

sunlight *n.* the light emitted by the sun; the rays of the sun

synonym: daylight, rays, sunshine

(1) a glare of **sunlight**, (2) in direct **sunlight**

Radiation from **sunlight** has a different wavelength.

lipid *n.* any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells

synonym: fat, oil, phospholipid

(1) **lipid** metabolism, (2) blood **lipid** profile

Omega-3 fatty acids, found in foods like fish and nuts, are a type of **lipid** that is good for heart health.

refined *adj.* made pure by having impurities or unwanted elements removed by processing

synonym: cultured, purified, tasteful

(1) adopt a **refined** attitude, (2) a lot of **refined** sugar

She was highly **refined** in her choice of apparel.

humankind

n. the whole of the living human inhabitants of the earth
synonym: humanity, human race, society

(1) **humankind** as a species, (2) history of **humankind**

On the geological time scale, **humankind** has existed for a brief moment.

Session 2: Spelling

1. res_____ce to insulin *n.* the act of defending oneself from an aggressor or refusing to accept something
2. cr_____re of habit *n.* a living being, especially an animal
3. commemorative pl_____e *n.* a flat, often rectangular, piece of metal, wood, or other material, inscribed or carved with commemorative text or designs and used as a decoration or award; a soft, sticky film of bacteria that coats teeth and can cause tooth decay
4. anti-gr__t law *n.* a transplanted portion of tissue or skin, often taken from one part of the body and used to repair or replace damaged or missing tissue in another part; a corrupt or illegal means of acquiring wealth or power through illicit or unethical methods
5. pathogenic mi_____e *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
6. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
7. 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

ANSWERS: 1. resistance, 2. creature, 3. plaque, 4. graft, 5. microbe, 6. complexity, 7. function

8. Ar_____an romances *adj.* relating to king Arthur and the tales and legends associated with him
9. arterial pl____e *n.* a flat, often rectangular, piece of metal, wood, or other material, inscribed or carved with commemorative text or designs and used as a decoration or award; a soft, sticky film of bacteria that coats teeth and can cause tooth decay
10. a cold cl_____e *n.* the weather in a particular location averaged over some long period
11. ev_____on theory *n.* a gradual process of transformation of living things
12. wo_____p god *v.* to have or show a strong feeling of profound respect and admiration for a religious entity such as God or a god
13. three-fourths of a po__d *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
14. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
15. a vast inventory of ha_____re *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
16. ge_____gy research *n.* the study of family history and the tracing of lineages
17. pha_____ogy textbook *n.* the branch of medicine concerned with the study of drugs and their effects on the body, including their properties, uses, and interactions with other substances

ANSWERS: 8. Arthurian, 9. plaque, 10. climate, 11. evolution, 12. worship, 13. pound, 14. planet, 15. hardware, 16. genealogy, 17. pharmacology

18. ex____ng news *adj.* causing a lot of interest or excitement
19. am____g advances *adj.* extremely surprising, especially in a way that you like or admire
20. b_g bites *n.* any tiny insect; a fault or defect in a computer program, system, or machine
21. the end of chr_____me *n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like
22. a l__s with a wide angle *n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation
23. ge____e analyses *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
24. bl_____m garden *n.* the reproductive structure on a flowering plant that consists of usually colorful petals and a typically green calyx (merging of sepals); the state or time of flowering; the peak of a person's or thing's development or success
25. personality tr__ts *n.* a particular feature of your nature
26. flour made from gr__n *n.* wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance

ANSWERS: 18. exciting, 19. amazing, 20. bug, 21. chromosome, 22. lens, 23. genome, 24. blossom, 25. trait, 26. grain

27. improved student ou____es *n.* the result or effect of an action, event, etc.
28. cr__k handle *n.* a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person
29. co____ve coal resources *v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
30. st___h granules *n.* a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals
31. f__p a coin *v.* to turn over into a different position quickly; to throw or toss with a light motion
32. follow his ins____ons *n.* detailed direction, order, etc., on how to do or use something
33. v__t tube *n.* a small opening to escape or release gas, air, liquid, etc.; activity or process that frees or expresses strong creative energy or emotion
34. a ch____al compound *adj.* relating to or connected with chemistry;
35. the ul____te goal in life *adj.* furthest or highest in degree or order
36. a person of di____e talents *adj.* including numerous categories of individuals or entities; various
37. di____ve juices *adj.* relating to or capable of causing or promoting digestion of food

ANSWERS: 27. outcome, 28. crank, 29. conserve, 30. starch, 31. flip, 32. instruction, 33. vent, 34. chemical, 35. ultimate, 36. diverse, 37. digestive

38. li__d metabolism *n.* any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells
39. se_____l duct *adj.* highly original, influential, or innovative; containing the seeds or beginnings of future development or growth; (of medicine) of or relating to semen or the male reproductive system
40. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
41. to_____x storage *n.* a container or storage unit for tools, typically characterized by a handle and one or more compartments for organizing and storing various tools and equipment
42. have ex_____ve vocabulary *adj.* covering a large area; having a wide range
43. metal mo_____th *n.* a large, single upright block of stone, especially one shaped into a pillar or monument; something that is very large, solid, and uniform in shape or appearance
44. co_____e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
45. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze

ANSWERS: 38. lipid, 39. seminal, 40. represent, 41. toolbox, 42. extensive, 43. monolith, 44. consume, 45. complicated

46. coffee ar__a *n.* a distinctive, usually pleasant smell, often of a specific food, plant, or object
47. small ga_____ne engine *n.* a volatile flammable liquid obtained from petroleum, used mainly as a fuel in car engines, etc.
48. ph_____cy chain *n.* a place where medicines are prepared and dispensed; a drugstore or chemist's
49. re_____ve factors *adj.* considered and evaluated through comparison with something else
50. employee da_____se *n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily
51. a te_____ue in martial arts *n.* a particular way or art of doing something that needs skill
52. volcanic v__t *n.* a small opening to escape or release gas, air, liquid, etc.; activity or process that frees or expresses strong creative energy or emotion
53. potato st___h *n.* a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals
54. a sop_____ted lifestyle *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
55. achieve spe_____ar growth *adj.* striking or impressive to look at or in performance or achievement
56. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand

ANSWERS: 46. aroma, 47. gasoline, 48. pharmacy, 49. relative, 50. database, 51. technique, 52. vent, 53. starch, 54. sophisticated, 55. spectacular, 56. complexity

57. pain in the ge____l area *adj.* of or relating to the external and internal reproductive organs
58. construction of new c__l plants *n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
59. vague no____n *n.* a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts
60. syn____ze molecules *v.* to combine a substance to make a more complex product or compound
61. co____t only in knowing facts *v.* to be composed or made up of
62. corn yi__d *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
63. plastic d__l *n.* a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive
64. st____le against discrimination *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
65. the Ar____an cycle *adj.* relating to king Arthur and the tales and legends associated with him
66. write el____t sentences *adj.* pleasing and graceful in appearance or manner, or showing good taste and refinement

ANSWERS: 57. genital, 58. coal, 59. notion, 60. synthesize, 61. consist, 62. yield, 63. doll, 64. struggle, 65. Arthurian, 66. elegant

67. 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
68. harmful co____nd *n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements
69. n__r atmosphere *adj.* a type of film or literature that emphasizes crime, darkness, and moral ambiguity, often using shadowy, low-light cinematography or atmospheric prose; meaning "black" or "dark" in French
70. sk____y jeans *adj.* having a very thin or slim body; referring to clothing that is tightly fitting and reveals the shape of the body; referring to information or details that are kept secret or confidential
71. ca____r diagnosis *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
72. as____e an important role *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
73. ex____ng football player *adj.* causing a lot of interest or excitement
74. pr____ve society *adj.* of or relating to an early stage of society with no industry or technological development; simple, naive, or old-fashioned in style

ANSWERS: 67. disease, 68. compound, 69. noir, 70. skinny, 71. cancer, 72. assume, 73. exciting, 74. primitive

75. a desirable ou____e *n.* the result or effect of an action, event, etc.
76. field of fun_____al medicine *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
77. effects of cl_____e change *n.* the weather in a particular location averaged over some long period
78. common in_____on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
79. the a__h of a person's foot *n.* a curved structure with two supports that holds the weight of something above it, such as a bridge or the upper part of a building
80. a bi___y number *n.* a system of numbers that uses only two digits, 0 and 1
81. ind_____us worker *adj.* hardworking, diligent, and persistent in effort
82. co_____er of the university *n.* one of several people who establishes an organization or starts a business
83. in_____e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
84. fer_____ion process *n.* the process of joining a sperm and an egg to produce an embryo
85. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
86. adopt a re_____d attitude *adj.* made pure by having impurities or unwanted elements removed by processing

ANSWERS: 75. outcome, 76. functional, 77. climate, 78. invention, 79. arch, 80. binary, 81. industrious, 82. cofounder, 83. involve, 84. fertilization, 85. amazing, 86. refined

87. el____t design *adj.* pleasing and graceful in appearance or manner, or showing good taste and refinement
88. pl_____ul harvest *adj.* existing or available in a large quantity or abundance; ample or abundant in supply or availability
89. in_____ve eating *adj.* obtained through feelings rather than facts or proof
90. de___e topic *n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives
91. alpha he__x *n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule
92. nut_____us ingredients *adj.* providing nourishment and essential nutrients for growth, development, and overall well-being; conducive to good health and proper bodily function
93. wild cr_____r *n.* a small or unimportant creature or animal, often used in a familiar or affectionate way
94. human ev_____on *n.* a gradual process of transformation of living things
95. fl_____n a tire *v.* to make something flat, smooth, or level; to remove or reduce any irregularities or bumps; to crush, squash, or press something down to become level or compressed

ANSWERS: 87. elegant, 88. plentiful, 89. intuitive, 90. debate, 91. helix, 92. nutritious, 93. critter, 94. evolution, 95. flatten

96. hu_____nd as a species *n.* the whole of the living human inhabitants of the earth
97. w__z kid *v.* to move or run quickly and smoothly with a hissing or buzzing sound; to excel or perform skillfully in a particular area; to urinate; (noun) a person who is very clever or skilled at something
98. carbon dioxide in the atm_____re *n.* the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
99. cute cr_____r *n.* a small or unimportant creature or animal, often used in a familiar or affectionate way
100. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
101. di_____e backgrounds *adj.* including numerous categories of individuals or entities; various
102. evolutionary bi_____y *n.* the scientific study of life and the natural processes of living things
103. a ge_____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
104. beginning of the industrial
rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
105. 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

ANSWERS: 96. humankind, 97. whiz, 98. atmosphere, 99. critter, 100. discovery, 101. diverse, 102. biology, 103. genetic, 104. revolution, 105. carbon

106. b_t an eye *n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis
107. a w__t of summons *n.* a written legal order or command
108. cap_____ty assessment *n.* the ability, skill, or competence to do something; the potential or aptitude for a particular task or function
109. re_____on sociology *n.* a deep conviction in a supernatural power that controls human destiny
110. ra_____ry flavor *n.* a sweet and tart edible fruit that grows on bushes, usually with a soft red or black color and a rough texture on the outside
111. ma_____l powers *adj.* produced by or containing supernatural powers
112. reo_____ze a department *v.* to change to a more sufficient or suitable form of organization
113. apple bl_____m *n.* the reproductive structure on a flowering plant that consists of usually colorful petals and a typically green calyx (merging of sepals); the state or time of flowering; the peak of a person's or thing's development or success
114. r_d the body of waste products *v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person
115. cr__k in the back *n.* sharp pain or stiffness in the neck or back that typically results from a sudden twisting or wrenching movement

ANSWERS: 106. bat, 107. writ, 108. capability, 109. religion, 110. raspberry, 111. magical, 112. reorganize, 113. blossom, 114. rid, 115. crick

116. my friend's cha_____tic laugh *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
117. history of hu_____nd *n.* the whole of the living human inhabitants of the earth
118. cultural n__m *n.* something that is regarded as usual, typical, or standard
119. hu_____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
120. ex_____e sports *adj.* very great in amount or degree
121. traditional me_____al *adj.* of or relating to the treatment or cure of disease
122. sy_____ic fertilizer *adj.* made by combining chemical substances as opposed to being naturally occurring
123. fe_____ze the soil *v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
124. g__e cloning *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
125. c__p of change *n.* a pointed end, especially the pointed end of a crescent moon or the part of a curve that is most curved
126. con_____le way *adj.* imaginable or possible to understand or believe in the mind

ANSWERS: 116. characteristic, 117. humankind, 118. norm, 119. humming, 120. extreme, 121. medicinal, 122. synthetic, 123. fertilize, 124. gene, 125. cusp, 126. conceivable

127. baby bu__y *n.* a small, lightweight car, usually with no roof, especially drawn by a single horse; (adjective) infested with bugs
128. sc___e meat off a bone *v.* to draw something along a rough or hard surface, typically to remove dirt or other matter
129. a remote re____ve *adj.* considered and evaluated through comparison with something else
130. vul_____le parts of the body *adj.* capable of being hurt or influenced physically or mentally
131. change the ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
132. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
133. ind_____us student *adj.* hardworking, diligent, and persistent in effort
134. a unit of acc_____ion *n.* a rate of increase in velocity; the rate of change of velocity with respect to time
135. walk ba____rd *adv.* at, to, or toward the direction or place that is behind or rear
136. 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
137. a delicate fl___r *n.* the taste sensation produced by a substance in the mouth
138. fl_____n my opponent *v.* to make something flat, smooth, or level; to remove or reduce any irregularities or bumps; to crush, squash, or press something down to become level or compressed

ANSWERS: 127. buggy, 128. scrape, 129. relative, 130. vulnerable, 131. ecosystem, 132. lab, 133. industrious, 134. acceleration, 135. backward, 136. carbon, 137. flavor, 138. flatten

139. the se_____ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order
140. a sex chr_____me *n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like
141. myc_____ma infection *n.* a genus of bacteria that lack a cell wall and can cause respiratory and genital infections in humans and animals
142. online ph_____cy *n.* a place where medicines are prepared and dispensed; a drugstore or chemist's
143. an a__h-shaped stone structure *n.* a curved structure with two supports that holds the weight of something above it, such as a bridge or the upper part of a building
144. in____d peace *adj.* directed or facing towards the inside; inside or inward-looking
145. mobile br_____nd *n.* a type of high-speed internet connection that provides wide bandwidth for faster data transmission; any communication technology that allows high-speed data transfer
146. n__m of action *n.* something that is regarded as usual, typical, or standard
147. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

ANSWERS: 139. sequence, 140. chromosome, 141. mycoplasma, 142. pharmacy, 143. arch, 144. inward, 145. broadband, 146. norm, 147. discovery

148. fe_____ze the female egg *v.* to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
149. tracking de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
150. theory of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
151. t__k of the clock *n.* a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis
152. a chemical fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully
153. va___y bottom *n.* a long depression on the surface of the land, which typically contains a river
154. lead-free ga_____ne *n.* a volatile flammable liquid obtained from petroleum, used mainly as a fuel in car engines, etc.
155. sequencing of the human ge___e *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
156. toxic ch_____als *adj.* relating to or connected with chemistry;

ANSWERS: 148. fertilize, 149. device, 150. universe, 151. tick, 152. fertilizer, 153. valley, 154. gasoline, 155. genome, 156. chemical

157. po___n bilateral relations *n.* a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly
158. br_____ck pace *adj.* extremely fast and reckless; dangerous and high-speed
159. st_____d analysis *adj.* deliberately considered or scrutinized; carefully thought out or planned
160. ca___r research *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
161. f__p over the pork chop *v.* to turn over into a different position quickly; to throw or toss with a light motion
162. play the a_e *n.* a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons
163. effects of vo_____ic eruptions *adj.* relating to or produced by or consisting of volcano
164. no___n of success *n.* a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts

ANSWERS: 157. poison, 158. breakneck, 159. studied, 160. cancer, 161. flip, 162. ape, 163. volcanic, 164. notion

165. fiber-optic br_____nd *n.* a type of high-speed internet connection that provides wide bandwidth for faster data transmission; any communication technology that allows high-speed data transfer
166. a green v__e *n.* a climbing plant that produces grapes; any plant with a growth habit of trailing or climbing stems
167. pha_____ogy research *n.* the branch of medicine concerned with the study of drugs and their effects on the body, including their properties, uses, and interactions with other substances
168. br__d horses *v.* to keep animals for producing offspring in a regulated manner
169. organic vit_____re *n.* (also "viticulture") the cultivation and production of grapes, particularly for winemaking, which includes the science and practice of growing grapevines, managing vineyards, and harvesting the grapes for wine production
170. nec_____ly true *adv.* in an essential manner; in such a way as could not be otherwise
171. g__e expression *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
172. co_____t mainly of cells *v.* to be composed or made up of
173. cellular signaling pa_____ys *n.* a track that constitutes or serves as a path; an approach or a way of doing something

ANSWERS: 165. broadband, 166. vine, 167. pharmacology, 168. breed, 169. viticulture, 170. necessarily, 171. gene, 172. consist, 173. pathway

174. ar_____ct of the peace accord *n.* a person whose job is to design plans to be used in making something, such as buildings
175. fo___d the use of chemical weapons *v.* to order somebody not to do something, especially officially; to keep something from happening or arising
176. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
177. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
178. pro_____le motion *n.* an object or weapon that is propelled through the air, with or without explosive power; something that is launched or thrown with great force
179. the ha_____re department *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
180. stiff cr__k *n.* sharp pain or stiffness in the neck or back that typically results from a sudden twisting or wrenching movement
181. chemical re_____e *n.* a substance that remains after a process or reaction; a remnant of something that once existed
182. increase in vo_____ic activity *adj.* relating to or produced by or consisting of volcano
183. fo___d smoking in public areas *v.* to order somebody not to do something, especially officially; to keep something from happening or arising

ANSWERS: 174. architect, 175. forbid, 176. represent, 177. genetic, 178. projectile, 179. hardware, 180. crick, 181. residue, 182. volcanic, 183. forbid

184. 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
185. gr_____ar data *adj.* consisting of or resembling small grains or particles; having a rough, irregular texture or appearance
186. b__m in sales *n.* a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound
187. a gr__n of sand *n.* wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance
188. means to co_____ve energy *v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
189. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
190. sc_____h off a name *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
191. pro_____le weapon *n.* an object or weapon that is propelled through the air, with or without explosive power; something that is launched or thrown with great force

ANSWERS: 184. process, 185. granular, 186. boom, 187. grain, 188. conserve, 189. molecule, 190. scratch, 191. projectile

192. the in_____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
193. a bu__h of schoolgirls *n.* a grouping of several similar things which are growing or fastened together
194. a un___e teacher *adj.* being the only one of its kind; unlike anything else
195. or__n bleeding *n.* a part of the body of an animal or plant that has a particular purpose and performs a specific job
196. a dr_____ic rescue at sea *adj.* very sudden, very excellent, or full of action and excitement
197. become pol_____ly savvy *adv.* in a way that relates to the government or public affairs of a nation
198. small mo_____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
199. design to_____x *n.* a container or storage unit for tools, typically characterized by a handle and one or more compartments for organizing and storing various tools and equipment
200. go on a serious od_____y *n.* a long wandering and eventful journey; a Greek epic poem attributed to Homer, describing the journey of Odysseus after the fall of Troy
201. group of or_____sms *n.* a tiny living thing
202. basin-shaped va_____y *n.* a long depression on the surface of the land, which typically contains a river

ANSWERS: 192. invention, 193. bunch, 194. unique, 195. organ, 196. dramatic, 197. politically, 198. molecule, 199. toolbox, 200. odyssey, 201. organism, 202. valley

203. in_____et the question *v.* to explain or assign the meaning of information, actions, etc.
204. sc__y story *adj.* causing fear or fright; frightening; intimidating
205. ca_____e calculation *n.* unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce
206. genetically mo___y food *v.* to change something slightly, such as a plan, option, law, etc., especially to make it more suitable for a particular purpose
207. the pr_____nd depths of the sea *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
208. da_____se administrator *n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily
209. ar___y blockage *n.* one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.
210. co_____te to the size *v.* to have a connection or relationship in which one thing affects or depends on another
211. a ha_____me young man *adj.* physically attractive and pleasing in appearance; attractive and generous

ANSWERS: 203. interpret, 204. scary, 205. calorie, 206. modify, 207. profound, 208. database, 209. artery, 210. correlate, 211. handsome

221. br___h office *n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization
222. in_____et a graph *v.* to explain or assign the meaning of information, actions, etc.
223. the local chamber of co_____ce *n.* the activity of buying and selling things, especially on a large scale
224. ch___y arms *adj.* having a plump or rounded body shape, often used to describe children or pets
225. de___e a message *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
226. hollowed-out ch__k *n.* either side of the face below the eye and between the nose and the jaw
227. copyrighted so_____re *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
228. aquatic co_____nd *n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements
229. ar__e passionately *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
230. he__x structure *n.* a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

ANSWERS: 221. branch, 222. interpret, 223. commerce, 224. chubby, 225. decode, 226. cheek, 227. software, 228. compound, 229. argue, 230. helix

231. s__d money *n.* a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant
232. ex_____e weather events *adj.* very great in amount or degree
233. rag d__l *n.* a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive
234. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
235. wine te_____r *n.* the environmental and geographical factors, such as soil type, climate, and topography, that give a particular region or vineyard its unique characteristics and contribute to the flavor and quality of wine or other agricultural products produced there
236. gen_____ly inherited traits *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
237. ecology and evo_____ary biology *adj.* relating to or denoting how living things develop or change from earlier forms
238. in_____t estate *v.* to receive money, property, or a title from someone after they have died
239. so_____re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs

ANSWERS: 231. seed, 232. extreme, 233. doll, 234. engineer, 235. terroir, 236. genetically, 237. evolutionary, 238. inherit, 239. software

240. a tr__t of virgin forest	<i>n.</i> a region of land, often with a specific purpose or use, such as farming, forestry, or mining; a bundle of nerves or a system of organs in the body
241. fl___r enhancer	<i>n.</i> the taste sensation produced by a substance in the mouth
242. ar__a therapy	<i>n.</i> a distinctive, usually pleasant smell, often of a specific food, plant, or object
243. make dr_____ic changes	<i>adj.</i> very sudden, very excellent, or full of action and excitement
244. w__z through the book	<i>v.</i> to move or run quickly and smoothly with a hissing or buzzing sound; to excel or perform skillfully in a particular area; to urinate; (noun) a person who is very clever or skilled at something
245. me_____al chemistry	<i>adj.</i> of or relating to the treatment or cure of disease
246. absolutely wo_____p	<i>v.</i> to have or show a strong feeling of profound respect and admiration for a religious entity such as God or a god
247. ch__k bone	<i>n.</i> either side of the face below the eye and between the nose and the jaw
248. ci_____te an agenda before the meeting	<i>v.</i> to move continuously or freely around a place or closed system
249. in_____t ancestral property	<i>v.</i> to receive money, property, or a title from someone after they have died
250. as___e a lousy attitude to his boss	<i>v.</i> to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

ANSWERS: 240. tract, 241. flavor, 242. aroma, 243. dramatic, 244. whiz, 245. medicinal, 246. worship, 247. cheek, 248. circulate, 249. inherit, 250. assume

251. the runner's p__e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
252. res_____ce movement *n.* the act of defending oneself from an aggressor or refusing to accept something
253. ye__t cell *n.* a type of fungus that is used in making alcoholic drinks such as beer and wine or to make bread rise
254. pl_____ul resources *adj.* existing or available in a large quantity or abundance; ample or abundant in supply or availability
255. ind_____al freedom *n.* a single person or thing, as distinct from a group
256. artifact of a pr_____ve humankind *adj.* of or relating to an early stage of society with no industry or technological development; simple, naive, or old-fashioned in style
257. co_____t base 10 to base 16 *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
258. pl___t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
259. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
260. syn_____ze information *v.* to combine a substance to make a more complex product or compound

ANSWERS: 251. pace, 252. resistance, 253. yeast, 254. plentiful, 255. individual, 256. primitive, 257. convert, 258. planet, 259. engineer, 260. synthesize

261. id____fy gene sequences *v.* to recognize someone or something and say or prove who or what they are
262. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
263. met_____sm enzyme *n.* the set of chemical reactions in cells or organisms that are necessary for life-sustaining
264. s__ls retentive of moisture *n.* the top layer of Earth in which plants grow
265. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
266. a sonic b__m *n.* a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound
267. a c__l-fired ship *n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
268. nut_____us meal *adj.* providing nourishment and essential nutrients for growth, development, and overall well-being; conducive to good health and proper bodily function
269. sop_____ted look *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
270. in direct su_____ht *n.* the light emitted by the sun; the rays of the sun
271. reo_____ze his debts *v.* to change to a more sufficient or suitable form of organization

ANSWERS: 261. identify, 262. lab, 263. metabolism, 264. soil, 265. complicated, 266. boom, 267. coal, 268. nutritious, 269. sophisticated, 270. sunlight, 271. reorganize

272. new fa_____n trends *n.* a style that is popular at a particular time or place; the state of being popular
273. re_____or for HIV in humans *n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
274. sc_____h my signature *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
275. an attention-grabbing fa_____d *n.* something commonly accepted as fact, even though it is probably not true
276. re_____te our conduct *v.* to control something, especially by means of rules or laws
277. sales rep_____ion *n.* the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting
278. sk____y finger *adj.* having a very thin or slim body; referring to clothing that is tightly fitting and reveals the shape of the body; referring to information or details that are kept secret or confidential
279. issue a w__t *n.* a written legal order or command
280. number of b_g fixes *n.* any tiny insect; a fault or defect in a computer program, system, or machine
281. 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

ANSWERS: 272. fashion, 273. receptor, 274. scratch, 275. factoid, 276. regulate, 277. representation, 278. skinny, 279. writ, 280. bug, 281. determinant

282. tr___e digits *adj.* consisting of three items or people; three times as great or many
283. 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
284. hi____ic accomplishment *adj.* famous or significant in history, or potentially so
285. a political rev_____on *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
286. ma____l place *adj.* produced by or containing supernatural powers
287. sc__y dream *adj.* causing fear or fright; frightening; intimidating
288. un_____al disaster *adj.* not in accordance with the normal or natural order or not normal, typical, or expected
289. chronic hu___r *n.* a strong desire or craving for something; a feeling of discomfort or weakness caused by lack of food; a chronic condition of insufficient food intake and malnutrition
290. the me_____sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
291. aerobic or_____sm *n.* a tiny living thing

ANSWERS: 282. triple, 283. cult, 284. historic, 285. revolution, 286. magical, 287. scary, 288. unnatural, 289. hunger, 290. mechanism, 291. organism

292. a lot of re____d sugar *adj.* made pure by having impurities or unwanted elements removed by processing
293. lack of ox____n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
294. a tr____e mirror *adj.* consisting of three items or people; three times as great or many
295. pr____le outcome *adj.* likely to happen or likely to be true
296. un____e design *adj.* being the only one of its kind; unlike anything else
297. artificial fer_____ion *n.* the process of joining a sperm and an egg to produce an embryo
298. car with ma____l transmissions *adj.* done by hand rather than by machine; (noun) a book of instructions, especially for operating a machine or learning a subject
299. ex_____ve experience *adj.* covering a large area; having a wide range
300. sc____e a hole in the ground *v.* to draw something along a rough or hard surface, typically to remove dirt or other matter
301. the te_____ue applied to construction *n.* a particular way or art of doing something that needs skill
302. fun_____al deafness *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

ANSWERS: 292. refined, 293. oxygen, 294. triple, 295. probable, 296. unique, 297. fertilization, 298. manual, 299. extensive, 300. scrape, 301. technique, 302. functional

303. in_____e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else
304. marine ec_____em *n.* all the plants and living creatures in an area and the way they affect each other and the environment
305. a pr_____nd book *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
306. achieve the hi_____ic feat *adj.* famous or significant in history, or potentially so
307. a convex l____s *n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation
308. 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
309. sp_____al leader *adj.* relating to or affecting the human spirit or soul as opposed to material or physical things
310. parched s__l *n.* the top layer of Earth in which plants grow
311. br_____ck acceleration *adj.* extremely fast and reckless; dangerous and high-speed

ANSWERS: 303. involve, 304. ecosystem, 305. profound, 306. historic, 307. lens, 308. yield, 309. spiritual, 310. soil, 311. breakneck

312. gen_____ly manipulated plant *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
313. a gr__d meal *adj.* important and large in size, scope, or extent
314. the evo_____ary process *adj.* relating to or denoting how living things develop or change from earlier forms
315. an_____ce the award winners *v.* to make something known or officially inform people about something
316. ge_____gy chart *n.* the study of family history and the tracing of lineages
317. a vul_____le bridge *adj.* capable of being hurt or influenced physically or mentally
318. at your own p__e *n.* the speed at which someone or something moves, or the rate at which something happens or changes
319. silver ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element
320. the ul_____te luxury *adj.* furthest or highest in degree or order
321. pr_____le cause of a fire *adj.* likely to happen or likely to be true
322. look at the ma____l *adj.* done by hand rather than by machine; (noun) a book of instructions, especially for operating a machine or learning a subject
323. wacky fa____d *n.* something commonly accepted as fact, even though it is probably not true

ANSWERS: 312. genetically, 313. grand, 314. evolutionary, 315. announce, 316. genealogy, 317. vulnerable, 318. pace, 319. oxide, 320. ultimate, 321. probable, 322. manual, 323. factoid

324. re_____e after evaporation *n.* a substance that remains after a process or reaction; a remnant of something that once existed
325. artificial cr_____re *n.* a living being, especially an animal
326. co_____t fat into energy *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
327. ability to de_____e the differences *v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
328. ba_____rd angle *adv.* at, to, or toward the direction or place that is behind or rear
329. thousands of po____ds *n.* the standard unit of money in the UK; the standard unit of weight equal to 16 ounces
330. persons co_____ed *adj.* feeling worry or interest about something; showing interest or attention
331. blood li__d profile *n.* any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells
332. co_____te closely with the quality *v.* to have a connection or relationship in which one thing affects or depends on another
333. myc_____ma pneumonia *n.* a genus of bacteria that lack a cell wall and can cause respiratory and genital infections in humans and animals
334. binary rep_____ion *n.* the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting

ANSWERS: 324. residue, 325. creature, 326. convert, 327. decode, 328. backward, 329. pound, 330. concerned, 331. lipid, 332. correlate, 333. mycoplasma, 334. representation

335. ge____l bleeding *adj.* of or relating to the external and internal reproductive organs
336. towering mo____th *n.* a large, single upright block of stone, especially one shaped into a pillar or monument; something that is very large, solid, and uniform in shape or appearance
337. expansion of the un____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
338. the DNA se____ce *n.* a series of related events, actions, numbers, etc., which have a particular order
339. dedicated mic____sor *n.* a computer component containing all the functions of the central processing unit
340. un____al death *adj.* not in accordance with the normal or natural order or not normal, typical, or expected
341. pol____ly advantageous *adv.* in a way that relates to the government or public affairs of a nation
342. in____d cargo *adj.* directed or facing towards the inside; inside or inward-looking
343. chaotic env____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
344. gr__t surgery *n.* a transplanted portion of tissue or skin, often taken from one part of the body and used to repair or replace damaged or missing tissue in another part; a corrupt or illegal means of acquiring wealth or power through illicit or unethical methods

ANSWERS: 335. genital, 336. monolith, 337. universe, 338. sequence, 339. microprocessor, 340. unnatural, 341. politically, 342. inward, 343. environment, 344. graft

345. technological cap_____ty *n.* the ability, skill, or competence to do something; the potential or aptitude for a particular task or function
346. environmental det_____nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
347. p__e in the toilet *v.* to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred
348. cross-country od_____y *n.* a long wandering and eventful journey; a Greek epic poem attributed to Homer, describing the journey of Odysseus after the fall of Troy
349. con_____le emergency *adj.* imaginable or possible to understand or believe in the mind
350. acc_____ion of an object *n.* a rate of increase in velocity; the rate of change of velocity with respect to time
351. di_____l electronic signature *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet
352. br__d suspicion *v.* to keep animals for producing offspring in a regulated manner
353. p__e my guts *v.* to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred
354. landscape ar_____ct *n.* a person whose job is to design plans to be used in making something, such as buildings

ANSWERS: 345. capability, 346. determinant, 347. puke, 348. odyssey, 349. conceivable, 350. acceleration, 351. digital, 352. breed, 353. puke, 354. architect

355. chemical tr__t *n.* a particular feature of your nature
356. mi____es sterilizer *n.* a tiny living thing that can only be seen with a microscope and that may cause disease
357. n__r crime novel *adj.* a type of film or literature that emphasizes crime, darkness, and moral ambiguity, often using shadowy, low-light cinematography or atmospheric prose; meaning "black" or "dark" in French
358. an____ce candidacy *v.* to make something known or officially inform people about something
359. cellular re____or *n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
360. se____l research *adj.* highly original, influential, or innovative; containing the seeds or beginnings of future development or growth; (of medicine) of or relating to semen or the male reproductive system
361. ye__t-leavened bread *n.* a type of fungus that is used in making alcoholic drinks such as beer and wine or to make bread rise
362. id____fy handwriting *v.* to recognize someone or something and say or prove who or what they are
363. b_t on a race *v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something

ANSWERS: 355. trait, 356. microbe, 357. noir, 358. announce, 359. receptor, 360. seminal, 361. yeast, 362. identify, 363. bet

364. a ha____me salary *adj.* physically attractive and pleasing in appearance; attractive and generous
365. in____ve judgment *adj.* obtained through feelings rather than facts or proof
366. a co____y of bacteria *n.* a country or an area that is governed by a more powerful country that is often far away
367. co____ed citizen *adj.* feeling worry or interest about something; showing interest or attention
368. late co____er *n.* one of several people who establishes an organization or starts a business
369. the hydrogen binds the ox____n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
370. go out of fa____n *n.* a style that is popular at a particular time or place; the state of being popular
371. trading in bi____y options *n.* a system of numbers that uses only two digits, 0 and 1
372. reduce my ca____e intake *n.* unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce
373. a di____l watch *adj.* processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

ANSWERS: 364. handsome, 365. intuitive, 366. colony, 367. concerned, 368. cofounder, 369. oxygen, 370. fashion, 371. binary, 372. calorie, 373. digital

374. ar__e a case *v.* to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
375. risk of coronary ar___y disease *n.* one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.
376. 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
377. ex___d a lineup *v.* to increase or to make something greater in size, number, or importance
378. 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
379. mo___y my behavior *v.* to change something slightly, such as a plan, option, law, etc., especially to make it more suitable for a particular purpose
380. freedom of re_____on *n.* a deep conviction in a supernatural power that controls human destiny
381. stripes cha_____tic of the zebra *n.* a typical feature or quality that can identify, tell apart, or describe something or somebody
382. gr__d bargain *adj.* important and large in size, scope, or extent

ANSWERS: 374. argue, 375. artery, 376. disease, 377. expand, 378. cult, 379. modify, 380. religion, 381. characteristic, 382. grand

383. co____e electricity *v.* to spend something, especially fuel, energy, or time, in a large amount
384. b__e array *n.* a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code
385. a gr____ar medicine *adj.* consisting of or resembling small grains or particles; having a rough, irregular texture or appearance
386. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
387. ci_____te a rumor *v.* to move continuously or freely around a place or closed system
388. st____le to get the job *v.* to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
389. cell and molecular bi____y *n.* the scientific study of life and the natural processes of living things
390. the r__p of a chasm *n.* a sloping surface connecting two levels or inclines, typically used for the movement of people, vehicles, or goods
391. to____e cancer *n.* a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a language
392. a single c__p *n.* a pointed end, especially the pointed end of a crescent moon or the part of a curve that is most curved

ANSWERS: 383. consume, 384. byte, 385. granular, 386. environment, 387. circulate, 388. struggle, 389. biology, 390. ramp, 391. tongue, 392. cusp

393. a s__d coat *n.* a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant
394. constant sp_____al striving *adj.* relating to or affecting the human spirit or soul as opposed to material or physical things
395. combined ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element
396. nonsynthetic fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully
397. an exit r__p *n.* a sloping surface connecting two levels or inclines, typically used for the movement of people, vehicles, or goods
398. a di_____ve enzyme *adj.* relating to or capable of causing or promoting digestion of food
399. de___e competition *n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives
400. b_t my future *v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something
401. sy_____ic fiber *adj.* made by combining chemical substances as opposed to being naturally occurring

ANSWERS: 393. seed, 394. spiritual, 395. oxide, 396. fertilizer, 397. ramp, 398. digestive, 399. debate, 400. bet, 401. synthetic

402. electronic de___e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
403. hu___r pangs *n.* a strong desire or craving for something; a feeling of discomfort or weakness caused by lack of food; a chronic condition of insufficient food intake and malnutrition
404. hu_____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee
405. ra_____ry tea *n.* a sweet and tart edible fruit that grows on bushes, usually with a soft red or black color and a rough texture on the outside
406. t__k fever *n.* a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis
407. ch___y cheeks *adj.* having a plump or rounded body shape, often used to describe children or pets
408. mic_____sor chip *n.* a computer component containing all the functions of the central processing unit
409. a bu__h of trees *n.* a grouping of several similar things which are growing or fastened together
410. native to___e *n.* a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a language

ANSWERS: 402. device, 403. hunger, 404. humming, 405. raspberry, 406. tick, 407. chubby, 408. microprocessor, 409. bunch, 410. tongue

411. po___n ivy *n.* a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly
412. ex___d agricultural output *v.* to increase or to make something greater in size, number, or importance
413. vit_____re industry *n.* (also "viniculture") the cultivation and production of grapes, particularly for winemaking, which includes the science and practice of growing grapevines, managing vineyards, and harvesting the grapes for wine production
414. interstate co_____ce *n.* the activity of buying and selling things, especially on a large scale
415. a private ind_____al *n.* a single person or thing, as distinct from a group
416. well-st_____d decision *adj.* deliberately considered or scrutinized; carefully thought out or planned
417. a glare of su_____ht *n.* the light emitted by the sun; the rays of the sun
418. damage to internal or___ns *n.* a part of the body of an animal or plant that has a particular purpose and performs a specific job
419. a br___h pipe *n.* a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization

ANSWERS: 411. poison, 412. expand, 413. viticulture, 414. commerce, 415. individual, 416. studied, 417. sunlight, 418. organ, 419. branch

429. a urinary tr__t infection
- n.* a region of land, often with a specific purpose or use, such as farming, forestry, or mining; a bundle of nerves or a system of organs in the body
430. b__e code
- n.* a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code
431. regional te____r
- n.* the environmental and geographical factors, such as soil type, climate, and topography, that give a particular region or vineyard its unique characteristics and contribute to the flavor and quality of wine or other agricultural products produced there
432. 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

ANSWERS: 429. tract, 430. byte, 431. terroir, 432. function

Session 3: Fill in the Blanks

1. As a result of improvements in _____ performance, many consumer electronics products are now Internet-connected.
 - n.* a computer component containing all the functions of the central processing unit
2. We do move forward with those tasks in _____ next week.
 - n.* a series of related events, actions, numbers, etc., which have a particular order
3. They hope to _____ their business worldwide.
 - v.* to increase or to make something greater in size, number, or importance
4. They study the _____ of the universe.
 - n.* a gradual process of transformation of living things
5. Human conservation efforts often fail unexpectedly because they disturb the balance of the _____.
 - n.* all the plants and living creatures in an area and the way they affect each other and the environment
6. The farmer owns a large _____ of land where he grows corn and soybeans.
 - n.* a region of land, often with a specific purpose or use, such as farming, forestry, or mining; a bundle of nerves or a system of organs in the body
7. I found a stink ____ crawling across the ceiling.
 - n.* any tiny insect; a fault or defect in a computer program, system, or machine
8. They needed further _____ to perform their duties efficiently.
 - n.* detailed direction, order, etc., on how to do or use something

ANSWERS: 1. microprocessor, 2. sequence, 3. expand, 4. evolution, 5. ecosystem, 6. tract, 7. bug, 8. instruction

9. 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
10. The Prime Minister will pay a courtesy visit to the Nobel laureate's ____.
- n.* a workplace for the conduct of scientific research; a laboratory
11. After his death, his sons _____ his business.
- v.* to receive money, property, or a title from someone after they have died
12. The spider can _____ multiple different silk proteins.
- v.* to combine a substance to make a more complex product or compound
13. The _____ of time travel has long fascinated scientists and fiction writers alike.
- n.* a general idea or understanding of something, particularly an abstract or complex concept; a belief or opinion, often one that is not based on solid evidence or facts
14. The research team developed a new diagnostic tool to detect _____ presence in clinical samples rapidly.
- n.* a genus of bacteria that lack a cell wall and can cause respiratory and genital infections in humans and animals
15. These infections have the potential to impact practically every _____ system.
- n.* a part of the body of an animal or plant that has a particular purpose and performs a specific job
16. 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: 9. process, 10. lab, 11. inherited, 12. synthesize, 13. notion, 14. mycoplasma, 15. organ, 16. function

17. 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
18. We talked about an interesting _____ in today's newspaper.
- n.* something commonly accepted as fact, even though it is probably not true
19. Eating a balanced and _____ diet is important for maintaining good health.
- adj.* providing nourishment and essential nutrients for growth, development, and overall well-being; conducive to good health and proper bodily function
20. This Middle Eastern resort offers dune _____ tours through the desert.
- n.* a small, lightweight car, usually with no roof, especially drawn by a single horse; (adjective) infested with bugs
21. The incident attracted _____ media coverage throughout the world.
- adj.* covering a large area; having a wide range
22. A diversified plant species generally enhances beneficial _____ populations.
- n.* a tiny living thing
23. The findings of the experiment were both _____ and unexpected.
- adj.* causing a lot of interest or excitement
24. The meditation class was focused on finding inner peace and cultivating a more _____ connection with the universe.
- adj.* relating to or affecting the human spirit or soul as opposed to material or physical things

ANSWERS: 17. cult, 18. factoid, 19. nutritious, 20. buggy, 21. extensive, 22. organism, 23. exciting, 24. spiritual

25. The winery is known for its commitment to sustainable _____ practices.
n. (also "viniculture") the cultivation and production of grapes, particularly for winemaking, which includes the science and practice of growing grapevines, managing vineyards, and harvesting the grapes for wine production
26. The _____ had received a mild snowfall the previous week.
n. a long depression on the surface of the land, which typically contains a river
27. The project's _____ made it difficult for the team to complete it on time.
n. the state or quality of being complicated or intricate and difficult to understand
28. Common salt is a sodium and chlorine _____.
n. an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements
29. Better sleep leads to increased _____.
n. the set of chemical reactions in cells or organisms that are necessary for life-sustaining
30. The human _____ contains approximately three billion chemical base pairs.
n. the complete set or sequence of genes of a human, animal, plant, or other living things
31. He _____ when he heard that he had been accepted into the university.
v. to turn over into a different position quickly; to throw or toss with a light motion
32. The soil had a _____ texture, making it easy to plant the seeds.
adj. consisting of or resembling small grains or particles; having a rough, irregular texture or appearance

ANSWERS: 25. viticulture, 26. valley, 27. complexity, 28. compound, 29. metabolism, 30. genome, 31. flipped, 32. granular

33. The couple decided to use the non-husband sperm to _____ a wife.
v. to cause an egg, female animal, or plant to develop by joining sperm from the male with them; to add a natural or chemical substance to land to make plants grow well
34. The car's _____ was impressive, going from 0 to 60 mph in just 5 seconds.
n. a rate of increase in velocity; the rate of change of velocity with respect to time
35. The third season of the anime show has been _____.
v. to make something known or officially inform people about something
36. I need to upgrade my Internet plan to get faster _____ speeds.
n. a type of high-speed internet connection that provides wide bandwidth for faster data transmission; any communication technology that allows high-speed data transfer
37. He did _____ pen-and-ink drawings in just a few days.
adj. involving a lot of different things or parts in a way that is difficult to understand or analyze
38. This study indicates _____ activity affects global warming.
adj. relating to or produced by or consisting of volcano
39. He could not _____ against temptation.
v. to make a great effort to do something when it is difficult, or there are a lot of problems; to use force or violence to break away from restraint or constriction
40. The _____ of the bees filled the air as she walked through the garden.
adj. producing a continuous, low, vibrating sound like that of the bee

ANSWERS: 33. fertilize, 34. acceleration, 35. announced, 36. broadband, 37. complicated, 38. volcanic, 39. struggle, 40. humming

41. Jockey's superior _____ brought him victory.
n. a particular way or art of doing something that needs skill
42. The dentist removed the _____ from my teeth during my cleaning appointment.
n. a flat, often rectangular, piece of metal, wood, or other material, inscribed or carved with commemorative text or designs and used as a decoration or award; a soft, sticky film of bacteria that coats teeth and can cause tooth decay
43. The cave was a habitat for _____.
n. a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis
44. 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
45. She was highly _____ in her choice of apparel.
adj. made pure by having impurities or unwanted elements removed by processing
46. The art exhibit featured a massive _____ sculpture made entirely of recycled materials.
n. a large, single upright block of stone, especially one shaped into a pillar or monument; something that is very large, solid, and uniform in shape or appearance
47. Infants and pregnant women are particularly _____.
adj. capable of being hurt or influenced physically or mentally

ANSWERS: 41. technique, 42. plaque, 43. bats, 44. fertilizers, 45. refined, 46. monolith, 47. vulnerable

48. A smaller car will _____ less fuel.

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

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

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

50. The couple began to _____ over which restaurant to go to for dinner.

v. to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others

51. He continued the extraordinary _____ with his brother.

n. a long wandering and eventful journey; a Greek epic poem attributed to Homer, describing the journey of Odysseus after the fall of Troy

52. The smell of rotting food made him _____ in disgust.

v. to vomit or eject the contents of the stomach through the mouth; to feel or experience extreme disgust or hatred

53. A nutritious diet improves _____ functions.

adj. relating to or capable of causing or promoting digestion of food

54. The DNA molecule is shaped like a double _____.

n. a three-dimensional spiral shape or structure, particularly like that of a spring or a DNA molecule

55. The supermarket offers a _____ selection of fresh fruits and vegetables.

adj. existing or available in a large quantity or abundance; ample or abundant in supply or availability

ANSWERS: 48. consume, 49. functional, 50. argue, 51. odyssey, 52. puke, 53. digestive, 54. helix, 55. plentiful

56. Her research team made an important _____.
- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
57. She spent hours tracing her family tree and discovering new information about her _____.
- n.* the study of family history and the tracing of lineages
58. The _____ organs of the human body are necessary for reproduction.
- adj.* of or relating to the external and internal reproductive organs
59. The firm has grown into a large _____ manufacturing.
- adj.* relating to or connected with chemistry;
60. On the geological time scale, _____ has existed for a brief moment.
- n.* the whole of the living human inhabitants of the earth
61. This newspaper is supposed to be _____ neutral.
- adv.* in a way that relates to the government or public affairs of a nation
62. The new CEO was appointed to _____ their business.
- v.* to change to a more sufficient or suitable form of organization
63. You should always keep a basic _____ in your car in case of an emergency.
- n.* a container or storage unit for tools, typically characterized by a handle and one or more compartments for organizing and storing various tools and equipment
64. _____ moisture is another significant component controlling soil respiration.
- n.* the top layer of Earth in which plants grow

ANSWERS: 56. discovery, 57. genealogy, 58. genital, 59. chemical, 60. humankind, 61. politically, 62. reorganize, 63. toolbox, 64. Soil

65. The _____ of the soil allowed for a bountiful harvest.
n. the process of joining a sperm and an egg to produce an embryo
66. The economy is growing at a supercharged _____.
n. the speed at which someone or something moves, or the rate at which something happens or changes
67. She drove at a _____ speed, despite the dangerous conditions on the road.
adj. extremely fast and reckless; dangerous and high-speed
68. They awaited news of the _____ of the election.
n. the result or effect of an action, event, etc.
69. The project was on the _____ of success and needed a little more funding.
n. a pointed end, especially the pointed end of a crescent moon or the part of a curve that is most curved
70. I woke up with a _____ in my neck from sleeping in an awkward position.
n. sharp pain or stiffness in the neck or back that typically results from a sudden twisting or wrenching movement
71. The _____ will repair my telephone tomorrow morning.
n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
72. His speech was carefully crafted and delivered with _____ confidence.
adj. deliberately considered or scrutinized; carefully thought out or planned
73. The _____ of the tree had fallen and blocked the road.
n. a division of a tree or woody shrub that grows out from the trunk or a main stem; a division of some larger or more complex organization

ANSWERS: 65. fertilization, 66. pace, 67. breakneck, 68. outcome, 69. cusp, 70. crick, 71. engineer, 72. studied, 73. branch

74. This accident was something that happened _____.

adv. in an essential manner; in such a way as could not be otherwise

75. A defective _____ is responsible for the disease.

n. the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

76. The investigation _____ several government agencies and is expected to take several months.

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

77. He was served with a _____ of eviction, giving him the notice to vacate the property.

n. a written legal order or command

78. We must _____ ourselves of pollution.

v. to make someone or something free of unwanted or unpleasant tasks, objects, or person

79. He planted the _____ in the soil and waited for it to sprout.

n. a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant

80. I _____ that you know it.

v. to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something

81. _____ algorithms can find ways to optimize that humans do not anticipate.

adj. relating to or denoting how living things develop or change from earlier forms

ANSWERS: 74. necessarily, 75. gene, 76. involves, 77. writ, 78. rid, 79. seed, 80. bet, 81. Evolutionary

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

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

83. The industry in this country is still _____.

adj. of or relating to an early stage of society with no industry or technological development; simple, naive, or old-fashioned in style

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

adj. including numerous categories of individuals or entities; various

85. Omega-3 fatty acids, found in foods like fish and nuts, are a type of _____ that is good for heart health.

n. any of a group of organic compounds, including fats, oils, and waxes, that are insoluble in water but soluble in organic solvents and are essential constituents of living cells

86. We combust _____ and other fossil fuels to generate electricity.

n. a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat

87. Management must take _____ responsibility for the accident.

adj. furthest or highest in degree or order

88. The company's pricing strategy limits its _____ to compete with other businesses in the market.

n. the ability, skill, or competence to do something; the potential or aptitude for a particular task or function

89. The _____ of the coffee was rich and full-bodied.

n. the taste sensation produced by a substance in the mouth

ANSWERS: 82. biology, 83. primitive, 84. diverse, 85. lipid, 86. coal, 87. ultimate, 88. capability, 89. flavor

90. Children must be taught to _____ our natural environment.
- v.* to protect something, especially the natural environment or culture, from change, damage, or destruction
91. He gave _____ to his anger by playing the guitar.
- n.* a small opening to escape or release gas, air, liquid, etc.; activity or process that frees or expresses strong creative energy or emotion
92. The software could _____ the encrypted data and reveal the hidden information.
- v.* to convert something, such as a message or piece of information, from a specific form into one that you can understand
93. Mercury is the closest _____ to the sun.
- n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
94. When the first molecule in the _____ receives a signal, it activates other molecules.
- n.* a track that constitutes or serves as a path; an approach or a way of doing something
95. _____ thrive on the surface of the human skin.
- n.* a tiny living thing that can only be seen with a microscope and that may cause disease
96. The _____ fireworks display was the highlight of the festival.
- adj.* striking or impressive to look at or in performance or achievement
97. This company has invested heavily in Internet _____.
- n.* the activity of buying and selling things, especially on a large scale

ANSWERS: 90. conserve, 91. vent, 92. decode, 93. planet, 94. pathway, 95. Microbes, 96. spectacular, 97. commerce

98. The photographer took this photo using a telephoto _____.
- n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation
99. The hurricane's powerful winds _____ entire neighborhoods, leaving only rubble.
- v.* to make something flat, smooth, or level; to remove or reduce any irregularities or bumps; to crush, squash, or press something down to become level or compressed
100. Continuous consumption of fatty foods leads to the hardening of the _____.
- n.* one of the thick tubes in humans and most other animals that takes blood away from the heart to one or more parts of the body such as tissues, lungs, brain, etc.
101. The wheelchair user needed a _____ to access the building's entrance.
- n.* a sloping surface connecting two levels or inclines, typically used for the movement of people, vehicles, or goods
102. Ordinary air purifiers cannot adequately remove pollen _____.
- n.* wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance
103. I will introduce you to how to _____ the leading causes of the malfunction.
- v.* to recognize someone or something and say or prove who or what they are
104. The cherry _____ trees in the park were in full bloom, creating a beautiful sight.
- n.* the reproductive structure on a flowering plant that consists of usually colorful petals and a typically green calyx (merging of sepals); the state or time of flowering; the peak of a person's or thing's development or success

ANSWERS: 98. lens, 99. flattened, 100. artery, 101. ramp, 102. grains, 103. identify, 104. blossom

105. The following example _____ that the capacity of each battery is the same.

- v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

106. Don't _____ your mosquito bites.

- v.* to cut or damage the surface of something or the skin with a sharp or pointed object

107. I always carry a backup _____ in case my phone runs out of battery.

- n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

108. We must manage to _____ our expenditure.

- v.* to control something, especially by means of rules or laws

109. The _____ cheesecake at that restaurant is out of this world.

- n.* a sweet and tart edible fruit that grows on bushes, usually with a soft red or black color and a rough texture on the outside

110. When I was a child, my mother often cast _____ spells to ease my pain whenever I was injured.

- adj.* produced by or containing supernatural powers

111. I want to _____ my sadness into strength.

- v.* to have a talk with someone; (adjective) reversed in order, relation, or action

112. The book was a _____ work in psychology, influencing generations of researchers.

- adj.* highly original, influential, or innovative; containing the seeds or beginnings of future development or growth; (of medicine) of or relating to semen or the male reproductive system

ANSWERS: 105. assumes, 106. scratch, 107. device, 108. regulate, 109. raspberry, 110. magical, 111. convert, 112. seminal

113. I am _____ about the safety of the children playing in the park.
adj. feeling worry or interest about something; showing interest or attention
114. As an _____ he had the right to make his own decisions and live his life as he saw fit.
n. a single person or thing, as distinct from a group
115. She wore an _____ evening gown to the gala.
adj. pleasing and graceful in appearance or manner, or showing good taste and refinement
116. The _____ toddler waddled around the park, laughing and playing.
adj. having a plump or rounded body shape, often used to describe children or pets
117. It would be best if you burned off _____ through vigorous exercise.
n. unit of heat defined as the quantity of heat required to raise the temperature of 1 gram of water by 1 degree Celsius at atmospheric pressure, used by nutritionists to measure how much energy food will produce
118. The spaceship began to burn up as it approached the Earth's _____.
n. the mass of air that surrounds the Earth; the pervading tone or mood of a place, situation, or creative work
119. When heated, _____ molecules absorb water and become thick and gooey, making it a useful thickening agent in cooking.
n. a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals
120. A person who has been declared incompetent should have legal _____.
n. the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting

ANSWERS: 113. concerned, 114. individual, 115. elegant, 116. chubby, 117. calories, 118. atmosphere, 119. starch, 120. representation

121. Each country's officials can access the central _____.
- n.* a large amount of data stored in a computer system in such a way that it can be searched and updated easily
122. A _____ remains productive throughout the year.
- n.* a climbing plant that produces grapes; any plant with a growth habit of trailing or climbing stems
123. He was known to be very _____ and would often work late into the night.
- adj.* hardworking, diligent, and persistent in effort
124. He gently touched her apple-red _____ and whispered that he loved her.
- n.* either side of the face below the eye and between the nose and the jaw
125. The high-technology industry is enjoying a _____.
- n.* a sudden increase in economic activity, or a sudden happening that brings good fortune; a deep, loud, and prolonged sound
126. 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
127. Many people in the world suffer from _____ and malnourishment every day.
- n.* a strong desire or craving for something; a feeling of discomfort or weakness caused by lack of food; a chronic condition of insufficient food intake and malnutrition
128. It is challenging to defend every _____ target.
- adj.* imaginable or possible to understand or believe in the mind

ANSWERS: 121. database, 122. vine, 123. industrious, 124. cheek, 125. boom, 126. yield, 127. hunger, 128. conceivable

129. The antique _____ was worth thousands of dollars.

n. a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive

130. The building _____ tried to build the house above the tree.

n. a person whose job is to design plans to be used in making something, such as buildings

131. 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

132. The systems we have developed has accepted as industry _____.

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

133. He _____ the mud off his boots before entering the house.

v. to draw something along a rough or hard surface, typically to remove dirt or other matter

134. During their camping trip, the kids were excited to go _____ hunting in the woods.

n. a small or unimportant creature or animal, often used in a familiar or affectionate way

135. His mom was always concerned about his _____ frame and encouraged him to eat more

adj. having a very thin or slim body; referring to clothing that is tightly fitting and reveals the shape of the body; referring to information or details that are kept secret or confidential

ANSWERS: 129. doll, 130. architect, 131. environment, 132. norms, 133. scraped, 134. critter, 135. skinny

136. The fishing reel had a _____ that made it easy to reel in the catch.
n. a mechanical device that converts rotary motion into linear motion or vice versa; an eccentric or unpredictable person
137. We use adverbs to _____ verbs and adjectives.
v. to change something slightly, such as a plan, option, law, etc., especially to make it more suitable for a particular purpose
138. He discovered unique _____ for photochemical reactions.
n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
139. _____ diamonds play an essential role as machine tool blades.
adj. made by combining chemical substances as opposed to being naturally occurring
140. The _____ is about 13.8 billion years old.
n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
141. The fan _____ the air in the room quickly.
v. to move continuously or freely around a place or closed system
142. My mother's illness had a _____ impact on us all.
adj. extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
143. The computer hard drive had plenty of storage space but was running low on available _____.
n. a unit of digital information that consists of 8 bits, typically used to represent a single character of text or a small amount of computer code

ANSWERS: 136. crank, 137. modify, 138. mechanisms, 139. Synthetic, 140. universe, 141. circulates, 142. profound, 143. bytes

144. Marketing strategies are growing more _____.

adj. having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion

145. Their _____ strictly prohibits them from drinking or gambling.

n. a deep conviction in a supernatural power that controls human destiny

146. I had an _____ feeling that I might be pregnant.

adj. obtained through feelings rather than facts or proof

147. The film _____ genre is known for its dark and brooding atmosphere.

adj. a type of film or literature that emphasizes crime, darkness, and moral ambiguity, often using shadowy, low-light cinematography or atmospheric prose; meaning "black" or "dark" in French

148. Necessity is the mother of _____.

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

149. This machine cuts metal by _____ control.

adj. done by hand rather than by machine; (noun) a book of instructions, especially for operating a machine or learning a subject

150. Human females normally have two X _____.

n. a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like

151. The scientist studied the behavior of _____ in the wild.

n. a large animal with long arms, no tail, and usually a lot of body hair, including gorillas, chimpanzees, orangutans, and gibbons

ANSWERS: 144. sophisticated, 145. religion, 146. intuitive, 147. noir, 148. invention, 149. manual, 150. chromosomes, 151. apes

152. The golfer recorded an _____ distance.

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

153. The _____ declared its independence and became a republic.

n. a country or an area that is governed by a more powerful country that is often far away

154. The blood's red coloring comes from iron _____.

n. a chemical compound that contains at least one oxygen atom and one other element

155. Radiation from _____ has a different wavelength.

n. the light emitted by the sun; the rays of the sun

156. The _____ side of the fish was beautifully colored.

adj. relating to or situated on or toward the belly or underside of an animal or organ; opposite of dorsal

157. She falls over _____ when she sees her mother-in-law.

adv. at, to, or toward the direction or place that is behind or rear

158. The _____ of freshly baked bread filled the kitchen.

n. a distinctive, usually pleasant smell, often of a specific food, plant, or object

159. Solar gravity creates _____ pressures and temperatures.

adj. very great in amount or degree

160. The _____ launched from the cannon soared and landed in the target zone.

n. an object or weapon that is propelled through the air, with or without explosive power; something that is launched or thrown with great force

ANSWERS: 152. amazing, 153. colony, 154. oxide, 155. sunlight, 156. ventral, 157. backward, 158. aroma, 159. extreme, 160. projectile

161. The _____ modified crops were resistant to pests and required less water.

adv. in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

162. Most countries prohibit sexual activity between certain close _____.

adj. considered and evaluated through comparison with something else

163. 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

164. 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

165. The passenger grabbed for the _____ mask.

n. the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live

166. The painting is _____ and there is no other like it.

adj. being the only one of its kind; unlike anything else

167. The _____ legends of King Arthur and the knights of the Round Table are popular literary motifs.

adj. relating to king Arthur and the tales and legends associated with him

168. The _____ by the citizen resulted in a redistribution of wealth.

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

ANSWERS: 161. genetically, 162. relatives, 163. disease, 164. determinant, 165. oxygen, 166. unique, 167. Arthurian, 168. revolution

169. The bill to increase the consumption tax had passed despite much _____ from the public.
- n.* the act of defending oneself from an aggressor or refusing to accept something
170. The shape of the DNA _____ is a double helix.
- n.* a group of two or more atoms held together by attractive forces known as chemical bonds
171. The plant's leaves contain a deadly _____ that can cause hallucinations and seizures.
- n.* a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly
172. One bad apple spoils the whole _____.
- n.* a grouping of several similar things which are growing or fastened together
173. Different people might _____ this news differently.
- v.* to explain or assign the meaning of information, actions, etc.
174. The soil composition and climate play a crucial role in shaping the _____ of a vineyard.
- n.* the environmental and geographical factors, such as soil type, climate, and topography, that give a particular region or vineyard its unique characteristics and contribute to the flavor and quality of wine or other agricultural products produced there
175. The horror movie was so _____ that I couldn't watch it alone.
- adj.* causing fear or fright; frightening; intimidating

ANSWERS: 169. resistance, 170. molecule, 171. poison, 172. bunch, 173. interpret, 174. terroir, 175. scary

176. This animal _____ in northern latitudes.

v. to keep animals for producing offspring in a regulated manner

177. The patient's skin _____ procedure was successful, and he was released from the hospital.

n. a transplanted portion of tissue or skin, often taken from one part of the body and used to repair or replace damaged or missing tissue in another part; a corrupt or illegal means of acquiring wealth or power through illicit or unethical methods

178. The _____ bears the weight of the overhead bridge.

n. a curved structure with two supports that holds the weight of something above it, such as a bridge or the upper part of a building

179. The _____ is boneless, but it is as strong as bones.

n. a moveable mass of muscle tissue covered with mucous membrane that is in the mouth; a tongue

180. Luxury cars often require high-octane _____ as fuel.

n. a volatile flammable liquid obtained from petroleum, used mainly as a fuel in car engines, etc.

181. It seems _____ that he has forgotten our scheduled meeting.

adj. likely to happen or likely to be true

182. The Chinese people have accomplished several _____ feats.

adj. famous or significant in history, or potentially so

183. The mouse and keyboard are essential _____ for operating a PC.

n. durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems

ANSWERS: 176. breeds, 177. graft, 178. arch, 179. tongue, 180. gasoline, 181. probable, 182. historic, 183. hardware

184. 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

185. God _____ you should regret your marriage.

- v.* to order somebody not to do something, especially officially; to keep something from happening or arising

186. The _____ over climate change continues to be a hot topic in politics.

- n.* a formal discussion or argument of opposing viewpoints, often to persuade others to adopt a specific position; a public discussion, often on an issue of current interest, in which participants offer opinions and differing perspectives

187. The politician was known for his _____ appearance and charm.

- adj.* physically attractive and pleasing in appearance; attractive and generous

188. The company specializes in both hardware and _____.

- n.* a set of computer programs and associated documentation and data for doing particular computational jobs

189. This year's _____ gathering will be held in Canada.

- adj.* important and large in size, scope, or extent

190. 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

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

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

ANSWERS: 184. carbon, 185. forbid, 186. debate, 187. handsome, 188. software, 189. grand, 190. pounds, 191. Climate

192. This examination _____ of five problems to solve.

v. to be composed or made up of

193. Understanding protein folding is a vital step in deciphering the _____ code.

adj. of or relating to genes (= parts of the DNA in cells) or the science of genes

194. His coach is a _____ Olympic champion.

adj. consisting of three items or people; three times as great or many

195. That style is no longer in _____.

n. a style that is popular at a particular time or place; the state of being popular

196. A _____ star is a system in which two stars revolve around each other.

n. a system of numbers that uses only two digits, 0 and 1

197. He is the _____ and chairman of this tech company.

n. one of several people who establishes an organization or starts a business

198. The statement had a _____ impact on house prices.

adj. very sudden, very excellent, or full of action and excitement

199. The _____ growth of the city has disrupted wildlife habitats.

adj. not in accordance with the normal or natural order or not normal, typical, or expected

200. Medical professionals must stay up-to-date with the latest developments in _____ to ensure optimal patient care.

n. the branch of medicine concerned with the study of drugs and their effects on the body, including their properties, uses, and interactions with other substances

ANSWERS: 192. consists, 193. genetic, 194. triple, 195. fashion, 196. binary, 197. cofounder, 198. dramatic, 199. unnatural, 200. pharmacology

201. Multiple genes may influence behavioral _____ concurrently.

n. a particular feature of your nature

202. I always put a _____ mark next to the items on my grocery list after buying them.

n. a light, sharp, repetitive sound or action; a mark indicating that something is correct or has been done; any of two families of small parasitic arachnids with barbed proboscis

203. They traditionally _____ their guru.

v. to have or show a strong feeling of profound respect and admiration for a religious entity such as God or a god

204. Bananas have their _____ taste and odor.

n. a typical feature or quality that can identify, tell apart, or describe something or somebody

205. I need to go to the hospital _____ to pick up my prescription.

n. a place where medicines are prepared and dispensed; a drugstore or chemist's

206. Hay fever occurs when a substance called histamine binds to _____ in the nose and eyes.

n. an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way

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

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

208. Breast _____ is the most common type of cancer in women.

n. abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

ANSWERS: 201. traits, 202. tick, 203. worship, 204. characteristic, 205. pharmacy, 206. receptors, 207. represent, 208. cancer

209. The _____ properties of this herb have been known to help with various ailments.
adj. of or relating to the treatment or cure of disease
210. The racing car _____ past the grandstands, leaving a trail of dust behind it.
v. to move or run quickly and smoothly with a hissing or buzzing sound; to excel or perform skillfully in a particular area; to urinate; (noun) a person who is very clever or skilled at something
211. They carefully nurture a _____ fungus used to produce sake.
n. a type of fungus that is used in making alcoholic drinks such as beer and wine or to make bread rise
212. There was a _____ of soap in the bottle that wouldn't come out.
n. a substance that remains after a process or reaction; a remnant of something that once existed
213. 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
214. The deep sea _____ was unlike anything the scientists had ever seen before.
n. a living being, especially an animal
215. The _____ motion of the tide was gradually slowing down.
adj. directed or facing towards the inside; inside or inward-looking
216. Sensors convert physical phenomena into _____ signals.
adj. processing or storing information as a succession of 1 and 0 to show that a signal is present or missing; relating to the use of computer technology, especially the internet

ANSWERS: 209. medicinal, 210. whizzed, 211. yeast, 212. residue, 213. correlate, 214. creature, 215. inward, 216. digital

ANSWERS: