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Vocabulary Builder Reference from...

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Award-winning teenage science in action | TED Talk

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All Words

IMPORTANT

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Session 1: Word List

- grill** *n.* a device used for cooking food by direct exposure to heat, typically a metal rack set over a fire or gas flame, or a part of an oven; (verb) to cook something over or under a grill
synonym : barbecue, broiler, griddle
(1) gas **grill**, (2) **grill** a steak
The restaurant is famous for its **grill**, where they serve the best steaks.
- 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.
- pose** *v.* to present a risk, problem, or other issues that must be addressed
synonym : present, put, position
(1) **pose** a significant threat to my company, (2) **pose** a challenge

The chemicals **pose** a massive health risk.

heterocyclic

adj. pertaining to a chemical compound or molecule that contains a ring structure composed of atoms of at least two different elements

synonym: ringed, cyclic, heterogenous

(1) **heterocyclic** derivatives, (2) **heterocyclic** chemistry

The scientist researched the effects of **heterocyclic** compounds on plant growth.

amine

n. an organic compound characterized by the presence of an amino group; a derivative of ammonia, often used in the production of dyes, pharmaceuticals, and other chemical compounds

synonym: amino group, aminoalkane

(1) **amine** compound, (2) organic **amine**

She conducted a series of tests to identify the specific **amine** derivative present in the sample.

specifically

adv. only associated with or meant for one thing

synonym: especially, particularly, notably

(1) designed **specifically** for men, (2) for **specifically** American customers

This ad campaign is aimed **specifically** at young women.

immunogenicity

n. the ability of a substance, typically a vaccine or antigen, to induce an immune response in the body, which refers to the capacity of the substance to elicit the production of immune cells and antibodies, leading to an immune reaction and the development of immune memory

synonym: immunogen, antigenicity

(1) **immunogenicity** assay, (2) therapeutic **immunogenicity**

The scientists conducted extensive research to determine the **immunogenicity** of the new vaccine.

carcinogenic

adj. capable of causing cancer or promoting tumor growth; cancer-causing

synonym: cancer-causing, cancerous, malignant

(1) **carcinogenic** chemicals, (2) **carcinogenic** air pollution

Long-term exposure to **carcinogenic** materials can result in serious health problems.

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**.

substance

n. the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug

synonym: essence, core, material

(1) an explosive **substance**, (2) **substance** abuse problem

The **substance** of the argument was well-presented.

agent

n. a person who represents and negotiates on behalf of someone else, such as a literary agent or talent agent; (of chemistry and medicine) a substance that brings about a chemical or physical effect; (of computer science) a piece of software that performs a task autonomously

synonym: representative, delegate, envoy

(1) **agent** system, (2) antidiarrheal **agent**

The FBI **agent** went undercover to infiltrate the criminal organization.

abnormal

adj. not typical, usual, or regular, especially in a way that is bad

synonym: aberrant, bizzare, unusual

(1) **abnormal** heart rhythms, (2) **abnormal** cells

An **abnormal** climate in the region caused a sharp decline in

grain harvest.

metastasize

v. (of a cancerous tumor or disease) to spread or grow to other parts of the body from its original location

synonym: spread, multiply, disseminate

(1) **metastasize** to the liver, (2) **metastasize** from breast cancer

Cancer cells can **metastasize** and spread to other body parts if left untreated.

organic

adj. of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

synonym: biological

(1) **organic** soils, (2) eat **organic** food

The kidney is an **organic** component of the body.

hydrogen

n. the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water

(1) **hydrogen** gas, (2) heavy **hydrogen**

The **hydrogen** and the oxygen react and then form water.

ammonia

n. a compound of nitrogen and hydrogen that forms a gas with a strong smell, used as cleaning substances, fertilizers, and explosives

(1) **ammonia** water, (2) inhale **ammonia** fumes

The advent of **ammonia** fertilizers markedly increased agricultural productivity.

replace

v. to take the place of something

synonym: substitute, supersede, displace

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

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

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.

antioxidant

n. a substance that inhibits oxidation, especially one used to counteract the deterioration of stored food products

(1) high levels of **antioxidants**, (2) **antioxidant** behavior

Fruits and vegetables are good sources of **antioxidants**.

organization

n. a group of people who work together for a shared purpose

synonym: association, institution, community

(1) **organization** chart, (2) agricultural **organization**

She is the president of a large international **organization**.

classify

v. to categorize or group something according to a system or set of criteria; to assign something to a particular class or category based on its characteristics or properties

synonym: categorize, sort, arrange

(1) **classify** images, (2) **classify** emails into folders

I need to **classify** these documents for the upcoming audit.

justify

v. to provide a valid or reasonable explanation, reasoning, or evidence in support of a belief, action, or decision; to defend or vindicate something as right or valid

synonym: validate, defend, support

(1) **justify** my beliefs, (2) **justify** your decision

The lawyer tried to **justify** his client's actions by presenting evidence of their difficult upbringing.

diet

n. the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan

synonym: food, dietary

(1) eat a vegetarian **diet**, (2) **Diet** approval

A balanced **diet** is more important for health than supplements.

lawsuit

n. a legal action taken by one party against another in a court of law, typically seeking damages or some other form of remedy for perceived wrongs or harms suffered

synonym : suit, legal action, litigation

(1) **lawsuit** settlement, (2) file a **lawsuit**

The company is facing a **lawsuit** for its alleged discrimination against employees.

physician

n. a medical doctor who practices medicine

synonym : doctor, practitioner, medic

(1) the advice of the **physician**, (2) consult with a **physician**

She visited the local **physician** to seek treatment for her persistent headache.

committee

n. a group of people appointed or elected to perform a specific function or manage a particular task, often within a larger organization

synonym : panel, board, council

(1) **committee** meeting, (2) **committee** member

The ad hoc **committee** met to discuss the proposal.

responsible

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

synonym : accountable, answerable, liable

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

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

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.

sue v. to claim a person or organization, especially by filing a legal claim for money or redress
synonym: accuse, plead, file
(1) **sue** a company for damages, (2) **sue** my boss for harassment
He planned to **sue** the organization for negligence.

propose v. to make a proposal, declare a plan for something
synonym: suggest, offer, recommend
(1) **propose** the amendment, (2) **propose** changes
I want to **propose** a toast in honor of our longstanding relationship.

statistics n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
(1) **statistics** for cancer, (2) official **statistics**
The **statistics** demonstrate that poverty and unemployment are genuine problems.

warn v. to make someone aware of potential danger or difficulty, particularly one that may occur in the future
synonym: alert, caution, admonish
(1) **warn** a reckless driver, (2) **warned** me of the plan
I attempted to **warn** him, but he ignored me.

harmful *adj.* causing or likely to damage or injury to somebody or something,
synonym: damaging, detrimental, toxic
(1) **harmful** effects of smoking, (2) exposure to **harmful** chemicals
Wear a mask when using this chemical to avoid inhaling **harmful** fumes.

marinade

n. a liquid mixture of herbs, spices, oil, and vinegar or citrus juice used to flavor and tenderize meat or fish before cooking; a soaking or immersion in this mixture

synonym : marinate, dressing, sauce

(1) **marinade** sauce, (2) **marinade** meat

I love to use a citrus-based **marinade** for seafood dishes.

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.

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.

den

n. a wild animal's lair or hiding places, such as a fox or bear

synonym : lair, burrow, nest

(1) gambling **den**, (2) bear **den**

The fox had dug a **den** in the side of the hill, where it could rest and hide from predators.

protein

n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

(1) stress **protein**, (2) **protein** synthesis

The body needs a certain amount of **protein** to build and repair tissues.

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.

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**.

combine

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

synonym : coalesce, cohere, blend

(1) **combine** chemically with another substance,

(2) **combine** augmented reality

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

formulate

v. to create or develop a plan, system, theory, or formula; to express an idea or concept in a clear, precise manner

synonym : devise, develop, articulate

(1) **formulate** a response, (2) **formulate** idea

The scientists worked together to **formulate** a plan for their research project.

hypothesis

n. a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate

synonym : assumption, conjecture, theory

(1) test my **hypothesis**, (2) a bold **hypothesis**

This evidence supports the big-bang **hypothesis**.

differ

v. to be not like someone or something in some way

synonym : vary, diverge, disagree

(1) **differ** from the majority, (2) **differ** according to species

The two products **differed** in their quality and price.

ph

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

synonym : acidity, alkalinity, balance

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

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

obvious

adj. easy to see, discover or understand

synonym : apparent, conspicuous, evident

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

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

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**.

equip

v. to provide a person or a place with the things that are needed for a particular purpose or activity

synonym : prepare, furnish, provide

(1) **equip** an army, (2) **equip** our children with some special skills

The construction company **equipped** the building with an earthquake-resistant device.

radial

adj. of or relating to rays or the radii of a circle; spreading out from a central point

synonym : concentric, central, spoke-like

(1) **radial** symmetry, (2) in a **radial** direction

The **radial** design of the wheel allows for maximum strength and stability.

commitment

n. a promise or firm decision to do something or to behave in a certain way

synonym: burden, obligation, promise

(1) a **commitment** to an alliance, (2) meet his

commitments

His business **commitments** took him to the United States.

opportune

adj. suitable or happening at a time that is suitable or convenient for a particular purpose

synonym: suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

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.

amass

v. to accumulate or gather a large quantity of something over time; to collect or assemble for future use or reference

synonym: gather, collect, accumulate

(1) **amass** a patent portfolio, (2) **amass** followers

She had **amassed** a fortune through wise investments and shrewd business decisions.

transport

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

synonym: shipment, transit, conveyance

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

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

extract

n. a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

synonym: excerpt, quote, distillation

(1) a brief **extract** from the book, (2) botanical **extract**

Anesthetize the gum before **extracting** the teeth.

separate

v. to force, take, or pull apart; mark as different

synonym: disunite, isolate, ramify

(1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

liquid

n. a substance, such as water or oil that flows freely and is neither a solid nor a gas

synonym: fluid

(1) colorless **liquid**, (2) hazardous **liquid**

The sponge takes up the **liquid** well.

chromatography

n. a laboratory technique used to separate and analyze chemical mixtures based on their constituent properties and interactions, often using a stationary phase and a mobile phase to isolate and identify individual components

synonym: chromato, gel filtration, ion-exchange

(1) paper **chromatography**, (2) high-performance liquid **chromatography**

Gas **chromatography** is a powerful analytical technique for identifying and quantifying volatile organic compounds in complex mixtures.

mass

n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

synonym: abundance, crowd, mob

(1) a **mass** of molten rock, (2) critical **mass**

The **mass** of people who do not own property is politically impotent.

spectrometer

n. a scientific device used to measure the properties of light or other radiation, often used in chemistry and physics to analyze the composition of materials

synonym: spectroscope, analyzer, detector

(1) **spectrometer** measurement, (2) optical **spectrometer**

The infrared **spectrometer** helped identify the chemical composition of the sample.

analyze

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

synonym: explore, examine, investigate

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

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

ingredient

n. one of the things used to make something, especially one of the foods used to make a particular dish

synonym: element, component

(1) secret **ingredients**, (2) compound the **ingredients**

Greed is the primary **ingredient** in the making of criminals.

inhibit

v. to prevent something, such as an action, process, etc., from happening or make it less likely to happen than normal

synonym: deter, hinder, impede

(1) **inhibit** desires, (2) **inhibit** tumor growth

Excessive parental interference may **inhibit** children's eagerness to learn.

formation

n. the way something is created naturally or the way it has been arranged

synonym: establishment, organization, creation

(1) a rock **formation**, (2) **formation** flight

Character **formation** is one of the goals of education.

saltwater

adj. of or connected with seawater or water containing salt;
living in or found in the sea

synonym : marine, naval, maritime

(1) a **saltwater** fish, (2) **saltwater** crocodile

The ecosystem upstream of the river significantly impacts the **saltwater** ecosystem downstream.

olive

n. a small green or black fruit with a bitter taste that is eaten or used to produce oil or a tree on which this fruit grows

(1) **olive** branch, (2) **olive** oil

They enjoyed reading under the **olive** trees.

slightly

adv. in a small degree or extent; a little

synonym : barely, narrowly, scarcely

(1) increase **slightly**, (2) **slightly** alkaline soils

He moved his body **slightly** to the left.

negligible

adj. so small or insignificant as to be not worth considering;
negligible amounts or effects are too minor or unimportant to have any major impact

synonym : insignificant, trivial, minor

(1) **negligible** impact, (2) a **negligible** amount of time

The cost of the repairs was **negligible** compared to the value of the antique car.

soy

n. a legume plant that is widely cultivated for its edible bean, which has many uses, such as for oil, food, and animal feed

(1) **soy** allergy, (2) **soy** milk

Many people use **soy** sauce for sushi, stir-fries, and marinades.

sauce

n. a liquid or semi-solid food served on or used in preparing other foods

synonym: condiment, gravy, dressing

(1) a flavorful **sauce**, (2) soy **sauce**

The pasta dish was served with a rich tomato **sauce**.

inconclusive

adj. without any significant results or proof or decision

synonym: ambiguous, unsettled, uncertain

(1) **inconclusive** debate, (2) **inconclusive** evidence

Climate behavior models are frequently **inconclusive**.

initially

adv. at the beginning; at first

synonym: originally, primarily, firstly

(1) **initially** anticipated, (2) diagnosed **initially** as a tumor

This train departed later than **initially** scheduled.

definitely

adv. without any question and beyond doubt; clearly

synonym: absolutely, certainly, indeed

(1) **definitely** become a problem, (2) say **definitely**

The paper is **definitely** worth reading thoroughly.

char

v. to burn or scorch the surface of something with fire or heat, often intentionally; to cook or prepare food over an open flame; to blacken or discolor due to excessive heat or burning; (noun) a charred piece of wood or other material; (noun, of a computer) a character or symbol in a text or string of characters in computer programming

synonym: burn, scorch, singe

(1) **char** a wall, (2) **char** layer

She decided to **char** the vegetables on the grill for added flavor.

potentially

adv. in a possible state or condition; possibly

synonym: likely, possibly, probably

(1) **potentially** affected, (2) **potentially** lucrative

The organization assisted in the de-escalation of **potentially**

violent situations.

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.

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.

spinach

n. a leafy green vegetable with a slightly bitter taste and high nutritional value, often used in salads or cooked dishes, and also famously associated with the cartoon character Popeye, who claimed eating spinach made him stronger

(1) **spinach** salad, (2) frozen **spinach**

Fresh **spinach** is a good source of vitamins and minerals.

standing

adj. existing or remaining upright; having a vertical position;
(noun) social, financial, or professional status or reputation

synonym: upright, vertical, (noun) position

(1) **standing** water, (2) his social **standing**

The **standing** concert was packed with fans.

ridiculous

adj. very silly or unreasonable and deserving to be laughed at

synonym: absurd, fatuous, foolish

(1) a **ridiculous** amount of money, (2) a **ridiculous** suggestion

Everyone regarded the theory he advocated as **ridiculous** but was later proven correct.

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.

atom

n. the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus

synonym: particle, element, fraction

(1) oxygen **atom**, (2) neutral hydrogen **atoms**

The outermost electron shell of an **atom** determines its chemical characteristics.

barely

adv. just enough; hardly; with great difficulty or effort

synonym: scarcely, hardly, only just

(1) **barely** noticeable, (2) **barely** finished

I **barely** made it to the meeting on time, rushing from another appointment across town.

algebra

n. a type of mathematics in which signs and letters represent numbers

synonym: calculus

(1) **algebra** calculation, (2) strong in **algebra**

His classmates were laboring with advanced **algebra**.

par

n. a state of being equal to someone or something

synonym: equality, standard, balance

(1) above **par** performance, (2) not up to **par**

Shares in the company finally fell below their **par** value.

suffer

v. to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant

synonym: endure, undergo, tolerate

(1) **suffer** a setback, (2) **suffer** bad grades

The older man **suffers** from arthritis and finds it difficult to move around.

garbage

n. waste material, especially food waste and kitchen refuse
synonym: waste, trash, debris

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

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

freshman

n. a first-year student, typically in college or high school
synonym: freshie, newcomer, rookie

(1) **freshman** orientation, (2) **freshman** year

The **freshman** class was excited to start their first year of college.

passee

adj. no longer fashionable or current; outdated; considered to be old-fashioned or out of date

synonym: outdated, old-fashioned, antique

(1) **passee** entertainment, (2) **passee** trend

Bell-bottom jeans, once considered **passee** fashion, have made a surprising comeback in recent years.

wisdom

n. the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions

synonym: sagacity, discernment, insight

(1) a fountain of **wisdom**, (2) **wisdom** literature

The community greatly respected and sought after the older adult's **wisdom**.

decide

v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

synonym: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta for dinner.

profess

v. to declare openly, often publicly or formally, that one has a particular skill, belief, or feeling; to admit or affirm

synonym: declare, claim, confess

(1) **profess** innocence, (2) **profess** law

He **professes** his love for her every day, showering her with gifts and affection.

supervision

n. the act or process of overseeing or directing the work or performance of others

synonym: oversight, management, direction

(1) under **supervision**, (2) **supervision** by the police

She was put in charge of the project and had full **supervision** over the team.

reject

v. to refuse to accept, consider, or use something or someone

synonym: decline, turn down, repudiate

(1) **reject** the proposal, (2) **reject** all imperfect merchandise

The company **rejected** the job candidate's application due to a lack of experience.

fort

n. a military structure designed to be defended from attack

synonym: stronghold, bastion, fortress

(1) an isolated **fort**, (2) **fort** gate

The stone **fort** was built to protect the city from invading forces.

ovary

n. either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower

(1) **ovary** atrophy, (2) salted **ovary** of walleye pollack

They found **ovary** cancer in an early stage.

diagnose

v. to determine or distinguish the nature of a problem or an illness through a careful analysis

synonym: identify, analyze, interpret

(1) **diagnose** the problem, (2) **diagnose** with CT scans

This device is used to **diagnose** brain cancer and other tumors.

chemotherapy

n. the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation

synonym : anticancer treatment, radiotherapy, immunotherapy

(1) **chemotherapy** regimen, (2) **chemotherapy** side effects

Many cancer patients undergo **chemotherapy** as a treatment option.

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.

patient

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

synonym : client, recipient, subject

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

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

dose

n. a quantity or amount of medicine or a drug that is taken or administered at one time, typically measured out in specific units; a similar measure of exposure to a harmful substance or radiation

synonym : portion, amount, measure

(1) **dose** adjustment, (2) daily **dose**

She took the recommended **dose** of medication to treat her headache.

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**.

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.

mess

n. a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy

synonym: disarray, confusion, predicament

(1) have a whole **mess**, (2) get into a **mess**

He made a frightful **mess** in his room.

resistant

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

synonym: unsusceptible, immune, invulnerable

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

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

declare

v. to say, state, or announce something clearly, officially, or publicly

synonym: announce, state, affirm

(1) **declare** independence, (2) **declare** my love

Foreign goods from abroad must be **declared** to customs when entering a country.

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.

kinase

n. an enzyme that catalyzes the transfer of phosphate groups from high-energy donor molecules, such as ATP, to specific target molecules, which is crucial in various cellular processes, including signal transduction and regulating protein activity

synonym: enzyme, protein kinase

(1) protein **kinase**, (2) cellular **kinase**

The **kinase** enzyme plays a crucial role in cell signaling and regulation.

shift

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

synonym: transition, change, modification

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

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

slide

v. to move or cause to move smoothly along a surface without interruption

synonym: glide, drift, drop

(1) **slide** a card across the table, (2) **slide** a glance

If necessary, you can **slide** the front seats forward.

sensitive

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

synonym: exposed, susceptible, keen

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

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

dot

n. a very small circular mark, especially one that is printed

synonym: drop, dab, fleck

(1) connecting the **dots**, (2) **dot** blot method

The wallpaper had a pattern of pink **dots** on a white surface.

treatment

n. the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.

synonym : remedy, antidote, medicine

(1) first-aid **treatment**, (2) **treatment** by diet

The primary purpose of the **treatment** is pain relief.

effectiveness

n. the fact or quality of producing the result that is wanted or intended

synonym : efficacy, usefulness, significance

(1) teaching **effectiveness**, (2) **effectiveness** against insomnia

This product is a durable material that combines cost-**effectiveness** and quality.

reimagine

v. to imagine or conceive of something in a new or different way

synonym : re-conceptualize, re-envision, re-create

(1) **reimagine** the future, (2) **reimagine** the possibilities

The company is trying to **reimagine** its business model to stay competitive.

grandchild

n. a child of someone's son or daughter

synonym : offspring, descendant, progeny

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

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

passion

n. intense, driving, or overpowering feeling or conviction

synonym : fervor, zeal, ardor

(1) **passion** hobby, (2) **passion** drive

Her **passion** for cooking is evident in every dish she prepares.

cute

adj. attractive, especially in a childlike or youthful way

synonym: attractive, charming, adorable

(1) act **cute**, (2) super **cute** dress

The baby's chubby cheeks and big eyes made her look so **cute**.

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.

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.

honor

n. high regard or great respect for someone; the quality of having and doing based on a keen sense of morality;
(verb) to show respect towards someone

synonym: integrity, virtue, acclaim

(1) womanly **honor**, (2) **honor** our ancestors

I claim on my **honor** that it is true.

president

n. the leader of a republic, for example, the US; the person in charge of the organization such as a company, university, club, etc.

synonym: leader, CEO, chairperson

(1) **president** emeritus, (2) vice- **president** for finance

The club **president** does not have absolute power.

inspiration

n. something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity

synonym: motivation, drive, encouragement

(1) source of **inspiration**, (2) get **inspiration** from nature

He found **inspiration** in the works of his favorite authors.

determination

n. the quality of being persistent and purposeful; the act of finding out the exact nature or essence of something

synonym: resolve, willpower, conviction

(1) a steely **determination**, (2) **determination** of a DNA sequence

His **determination** to succeed was unwavering, even in the face of adversity.

aft

adj. (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle

(1) **aft** cabin, (2) **aft** view

The **aft** section of the ship suffered significant damage after the collision with the reef.

wither

v. to gradually shrink, shrivel, or become weaker, often due to lack of nourishment, age, or disease; to lose freshness, vitality, or vigor

synonym: fade, wilt, shrivel

(1) **wither** corporate management, (2) **wither** in the heat

The flowers in the garden began to **wither** due to lack of water.

indoor

adj. located, happened, or used inside a building

(1) an **indoor** pool, (2) designed for **indoor** use

Table tennis is an **indoor** sport.

asthma

n. a chronic respiratory disease characterized by wheezing, coughing, and difficulty breathing

synonym: bronchial, bronchitis, respiratory ailment

(1) **asthma** attack, (2) **asthma** symptoms

He always had to carry an inhaler due to his severe **asthma**.

economy

n. the system by which a country or region produces, manages, and distributes goods and services, including the money and finances involved in these activities; (of

an airline) the lowest-priced, most basic option for seating in commercial travel

synonym : finance, trade, business

(1) **economy** of scale, (2) **economy** class

The **economy** of the country is struggling due to the recent political instability.

burden

n. a duty, responsibility, etc. that is oppressive or worrisome; a load, typically a heavy one that is difficult to carry

synonym : obligation, duty, load

(1) carry a **burden**, (2) **burden** of disease

That car has a low environmental **burden**.

excess

n. an amount or quantity beyond what is acceptable, expected, or reasonable

synonym : exuberance, glut, surplus

(1) lose **excess** weight, (2) an **excess** of exports

The road of **excess** leads to the palace of wisdom.

tuberculosis

n. an infectious disease usually caused by tubercle bacteria that can attack many parts of a person's body, especially their lungs

(1) died of **tuberculosis**, (2) a medicine for **tuberculosis**

Tuberculosis used to be considered a fatal disease.

spark

v. to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity

synonym : start, inspire, provoke

(1) **spark** his interest, (2) **spark** a chain reaction

The bankruptcy of the giant conglomerate **sparked** turmoil in the stock market.

chronic

adj. being long-lasting and recurrent or characterized by long suffering; habitual

synonym : established, regular, constant

(1) risk of **chronic** disease, (2) **chronic** alcohol consumption

Chronic hyperglycemia is a trigger for a variety of serious diseases.

allergy

n. a hypersensitivity disorder of the immune system, characterized by an exaggerated response to certain allergens, such as pollens, foods, and drugs

synonym: hypersensitivity, reaction

(1) food **allergy**, (2) **allergy** treatment

The **allergy** test helped to determine the cause of her symptoms.

confuse

v. to mistake one thing for another; to make somebody hard to understand

synonym: confound, obscure, disorient

(1) **confuse** the listener, (2) **confuse** fantasy with reality

Her remarks **confused** the debate.

symptom

n. any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease

synonym: sign, manifestation, syndrome

(1) **symptoms** of low testosterone, (2) neurotic **symptoms**

The patient displays a **symptom** of a side effect.

persist

v. to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable

synonym: endure, continue, carry on

(1) **persist** over time, (2) **persist** in success

Consult your doctor if the symptoms **persist**.

pollen

n. a fine powder substance consisting of microscopic grains produced by plants that facilitate their reproductive process through the process of pollination

synonym: dust, spores, allergen

(1) **pollen** allergy symptoms, (2) high **pollen** count

My allergies flare up during **pollen** season, making it difficult to breathe.

pollutant

n. a substance or agent that pollutes or contaminates the environment, typically through release into the air, water, or soil

synonym : contaminant, toxic substance

(1) noxious **pollutant**, (2) water **pollutant**

The factory's use of chemicals has made it a significant **pollutant** in the area.

culprit

n. someone who is responsible for a crime or wrongdoing

synonym : criminal, felon, fugitive

(1) the **culprit** of global warming, (2) the arrest of the **culprit**

They finally found the **culprit** of the bug after a long time.

investigate

v. to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

synonym : examine, analyze, look into

(1) **investigate** the matter, (2) **investigate** a data leak

The committee **investigated** several apparent inconsistencies.

underlying

adj. significant as a cause or basis of something but not immediately apparent or stated clearly

synonym : fundamental, latent, basic

(1) an **underlying** motive, (2) an **underlying** cause of an accident

The **underlying** principle of every business was identical.

relation

n. the way two persons or groups of people feel and act toward one another

synonym : association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of inclusion

The industrial **relations** laws were passed with little to no alteration.

prevalent

adj. existing very commonly in a particular area or in a specific time

synonym: common, ubiquitous, rampant

(1) **prevalent** in Japan, (2) **prevalent** belief

This virus is **prevalent** in many tropical nations.

lung

n. either of the two organs in the chest that people and some animals use for breathing

(1) **lung** capacity, (2) do **lung** transplantation

He has terminal **lung** cancer.

negative

adj. having the quality of something bad or harmful; expressing refusal

synonym: minus, adverse, pessimistic

(1) have a **negative** effect, (2) a **negative** number

The movie has received almost universally **negative** criticism.

develop

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

synonym: evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

novel

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

synonym: fiction, story, (adjective) innovative

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

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

mathematics

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

synonym: arithmetic, calculation, calculus

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

He has a flair for **mathematics**.

essentially

adv. relating to the essential features or concepts of anything

synonym: fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same

Essentially, a society is an organism.

quants

n. quantitative analysts or individuals who specialize in using quantitative methods, including mathematical and statistical modeling, in analyzing financial markets and making investment decisions

synonym: quantitative analysts, number crunchers, data scientists

(1) the team of **quants**, (2) industry **quants**

Many financial **quants** work in investment banks, using complex mathematical models to analyze financial data.

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**.

passionate

adj. showing intense emotion or strong feeling; characterized by great enthusiasm or zeal; deeply committed to a cause or belief

synonym: ardent, fervent, intense

(1) **passionate** speech, (2) **passionate** kiss

Their **passionate** argument lasted for hours, neither willing to back down.

remediate

v. to correct, repair, or improve a problem or pitfall, often in a technological, environmental, or medical context

synonym: correct, rectify, fix

(1) **remediate** damage, (2) **remediate** the situation

We need to **remediate** the contaminated soil before it is safe to use.

volatile

adj. likely to change rapidly or unexpectedly, or being unstable or explosive

synonym: unstable, unpredictable, explosive

(1) highly- **volatile** elements, (2) **volatile** markets

Their relationship was **volatile** and prone to sudden outbursts of anger.

criteria

n. (plural of criterion) standards or conditions by which something may be judged or decided

synonym: bars, benchmarks, standards

(1) **criteria** for action, (2) consistency **criteria**

He didn't meet all the **criteria**, but he was hired anyway.

define

v. to state or explain precisely the nature, scope, or meaning of something

synonym: characterize, depict, express

(1) **define** a word, (2) **define** my position

To advance this discussion, we must **define** "success" rigorously.

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.

interactive

adj. acting reciprocally; mutually responsive

synonym: reciprocal, responsive, mutual

(1) **interactive** experience, (2) an **interactive** device

The new video game has an **interactive** storyline that allows players to make choices that affect the game's outcome.

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**.

laptop

n. a portable computer that is small enough to be carried around easily and used on your lap

(1) bring my **laptop**, (2) thin-and-light **laptop**

I need to finish this report by tonight, so I'll be working on my **laptop** all day.

volunteer

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

synonym : unpaid worker, draftee, enlistee

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

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

disorder

n. an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions

synonym : chaos, disturbance, disease

(1) the files are in complete **disorder**, (2) people with bipolar **disorder**

The doctor prescribed some medicine for the mental **disorder**.

peak

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

synonym : summit, vertex, apex

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

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

expire

v. to come to the end of the period of validity of a document, authorization, agreement, etc.

synonym: run out, terminate, cease

(1) **expires** next month, (2) it will **expire**

I forgot to renew my driver's license, and it **expired**.

exhale

v. to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently

synonym: breathe out, expel, emit

(1) **exhale** a big sigh, (2) **exhale** cigarette smoke

He took a deep breath and slowly began to **exhale**.

breath

n. the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs

synonym: air, puff, whiff

(1) hold your **breath**, (2) **breath** of wind

He bated his **breath** when talking about this affair.

gender

n. the range of characteristics of femininity and masculinity and differentiating between them, especially when considering social and cultural differences rather than differences in biology

synonym: sexuality

(1) **gender-blind** policies, (2) dual **gender**

Cultural norms strongly influence **gender** expectations.

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.

crux

n. the most important or fundamental part of a matter or situation; the key point or central issue

synonym : heart, core, essence

(1) main **crux**, (2) the **crux** of the argument

The **crux** of the matter was that the company was not financially stable.

graph

n. a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

synonym : chart, diagram, figure

(1) **graph** theory, (2) a **graph** sample

This bar **graph** shows sales over the past five years.

measurement

n. the act or process of finding something's size, quantity, or degree

synonym : calculation, dimensions, size

(1) chest **measurement**, (2) a precise **measurement**

The **measurement** error of this industrial machine is less than one micrometer.

steroid

n. any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs

(1) **steroid** abuse, (2) a **steroid** hormone

Some **steroids** are banned for use by athletes because of their muscle-building effects.

medication

n. a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease

synonym : cure, drug, medicine

(1) antibiotic **medication**, (2) **medication** by mouth

The pharmacist not only prescribes the **medication** but also guides its proper use.

inhale

v. to breathe in air or a different substance, such as smoke

synonym : breathe in, take in, draw in

(1) **inhale** the smoke, (2) **inhale** the aroma
He **inhaled** deeply, trying to calm down.

prescribe

v. (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something

synonym: define, specify, stipulate

(1) **prescribe** a drug, (2) **prescribe** in the preceding paragraph

Federal bankruptcy laws **prescribed** the reorganization process.

filter

n. any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light

synonym: strainer

(1) gas **filter**, (2) clogged **filter**

Ozone is a primary **filter** to protect Earth's surface from harmful UV rays.

duct

n. a tube, pipe, or channel for conveying air, water, or other substances

synonym: tube, pipe, channel

(1) breast **duct**, (2) **duct** tape

The air **ducts** in the building needed to be cleaned to improve the air quality.

incense

n. a substance that is burned to produce a pleasant scent, often used in religious or spiritual ceremonies; figuratively, something that is pleasing or satisfying to the senses, feelings, or emotions

synonym: fragrance, aroma, perfume

(1) **incense** burner, (2) **incense** stick

In ancient times, people believed that burning **incense** helped ward off evil spirits.

remodel

v. to change the structure or form of something

synonym: refurbish, remake, revamp

(1) **remodel** the car, (2) **remodel** portfolio

We are **remodeling** these rooms now.

hardwood

n. the wood of a broadleaf tree, such as oak, ash, or beech, as contrasted to that of conifers

(1) tropical **hardwoods**, (2) **hardwood** timber

It has spacious rooms with wide **hardwood** flooring.

sustainable

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

synonym: continuable, enduring, tolerable

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

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

invest

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

synonym: fund, sponsor, support

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

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

generation

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

synonym: cohort, age group, era

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

The younger **generation** has different values and beliefs than the older one.

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.

respiratory

adj. relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air

synonym : breathing, pulmonary, lung

(1) **respiratory** failure, (2) alleviate **respiratory** ailments

Chronic **respiratory** disorders, such as asthma, can significantly impact a person's quality of life.

genetics

n. the branch of biology that studies genes, genetic variation, and heredity in organisms

(1) the science of **genetics**, (2) **genetics** discrimination

He is a specialist in the **genetics** of aging.

trigger

v. to make something happen suddenly; to cause something such as a device, machine, etc. to function

synonym : activate, spark, drive

(1) **trigger** a biochemical response, (2) **trigger** inflation

The incident **triggered** a political controversy.

macro

n. (computing) a set of instructions that automate a frequently used series of keystrokes or mouse actions; (photography) a lens that allows you to take close-up photographs; (economics) a large-scale economic policy or system

synonym : large-scale, big-picture, major

(1) **macro** economy, (2) **macro** scale

Macro photography is a technique that allows you to take close-up photos of small objects.

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.

initiative

n. the ability to act or make decisions independently and with confidence; a plan or action proposed or taken to address a problem or need

synonym: enterprise, drive, ambition

(1) a peace **initiative**, (2) take **initiative**

The teacher's **initiative** to start a school garden project was met with enthusiasm from the students.

champion

n. someone who has won first place in a competition; someone who fights for a specific group of people or a belief

synonym: victor, winner, fighter

(1) a **champion** of peace, (2) the grand **champion**

The **champion** bicyclist outrode all his competitors.

Session 2: Spelling

1. designed for in___r use
adj. located, happened, or used inside a building
2. ex___es next month
v. to come to the end of the period of validity of a document, authorization, agreement, etc.
3. het_____lic derivatives
adj. pertaining to a chemical compound or molecule that contains a ring structure composed of atoms of at least two different elements
4. in___t capital
v. to put money, effort, time, etc. into something to make a profit or achieve a result
5. re_____nt to persuasion
adj. not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
6. inc_____ive evidence
adj. without any significant results or proof or decision
7. died of tub_____sis
n. an infectious disease usually caused by tubercle bacteria that can attack many parts of a person's body, especially their lungs
8. de_____p a strategy
v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 1. indoor, 2. expire, 3. heterocyclic, 4. invest, 5. resistant, 6. inconclusive, 7. tuberculosis, 8. develop

9. decision-making pr____s
n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
10. antibiotic med_____on
n. a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease
11. an in____r pool
adj. located, happened, or used inside a building
12. pot_____ly lucrative
adv. in a possible state or condition; possibly
13. se_____te video into chapter
v. to force, take, or pull apart; mark as different
14. a gr__d meal
adj. important and large in size, scope, or extent
15. ant_____nt behavior
n. a substance that inhibits oxidation, especially one used to counteract the deterioration of stored food products
16. diagnosed in_____ly as a tumor
adv. at the beginning; at first
17. designed spe_____lly for men
adv. only associated with or meant for one thing
18. an int_____ve device
adj. acting reciprocally; mutually responsive
19. res_____ce movement
n. the act of defending oneself from an aggressor or refusing to accept something

ANSWERS: 9. process, 10. medication, 11. indoor, 12. potentially, 13. separate, 14. grand, 15. antioxidant, 16. initially, 17. specifically, 18. interactive, 19. resistance

20. ol__e oil *n.* a small green or black fruit with a bitter taste that is eaten or used to produce oil or a tree on which this fruit grows
21. small mo____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
22. tr____r inflation *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
23. w__n a reckless driver *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
24. in____e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else
25. under sup____on *n.* the act or process of overseeing or directing the work or performance of others
26. cr____ia for action *n.* (plural of criterion) standards or conditions by which something may be judged or decided
27. het____lic chemistry *adj.* pertaining to a chemical compound or molecule that contains a ring structure composed of atoms of at least two different elements
28. ex____ng football player *adj.* causing a lot of interest or excitement
29. 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

ANSWERS: 20. olive, 21. molecule, 22. trigger, 23. warn, 24. involve, 25. supervision, 26. criteria, 27. heterocyclic, 28. exciting, 29. cancer

30. an und_____ng motive *adj.* significant as a cause or basis of something but not immediately apparent or stated clearly
31. 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
32. gas fi____r *n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
33. ma_____de meat *n.* a liquid mixture of herbs, spices, oil, and vinegar or citrus juice used to flavor and tenderize meat or fish before cooking; a soaking or immersion in this mixture
34. high-performance liquid
chr_____phy *n.* a laboratory technique used to separate and analyze chemical mixtures based on their constituent properties and interactions, often using a stationary phase and a mobile phase to isolate and identify individual components
35. evolutionary bi____y *n.* the scientific study of life and the natural processes of living things
36. in_____ly anticipated *adv.* at the beginning; at first
37. first-aid tr_____nt *n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.

ANSWERS: 30. underlying, 31. calorie, 32. filter, 33. marinade, 34. chromatography, 35. biology, 36. initially, 37. treatment

38. ec____y of scale *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
39. a st____d hormone *n.* any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs
40. take ini____ve *n.* the ability to act or make decisions independently and with confidence; a plan or action proposed or taken to address a problem or need
41. eat or____c food *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
42. as____a attack *n.* a chronic respiratory disease characterized by wheezing, coughing, and difficulty breathing
43. breast d__t *n.* a tube, pipe, or channel for conveying air, water, or other substances
44. botanical ex____t *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

ANSWERS: 38. economy, 39. steroid, 40. initiative, 41. organic, 42. asthma, 43. duct, 44. extract

45. re_____e one word with another *v.* to take the place of something
46. wi____r in the heat *v.* to gradually shrink, shrivel, or become weaker, often due to lack of nourishment, age, or disease; to lose freshness, vitality, or vigor
47. noxious po_____nt *n.* a substance or agent that pollutes or contaminates the environment, typically through release into the air, water, or soil
48. in_____e burner *n.* a substance that is burned to produce a pleasant scent, often used in religious or spiritual ceremonies; figuratively, something that is pleasing or satisfying to the senses, feelings, or emotions
49. su_____ce abuse problem *n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
50. met_____ze to the liver *v.* (of a cancerous tumor or disease) to spread or grow to other parts of the body from its original location
51. in____e the smoke *v.* to breathe in air or a different substance, such as smoke
52. se_____ve documents *adj.* able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
53. pr_____nt emeritus *n.* the leader of a republic, for example, the US; the person in charge of the organization such as a company, university, club, etc.

ANSWERS: 45. replace, 46. wither, 47. pollutant, 48. incense, 49. substance, 50. metastasize, 51. inhale, 52. sensitive, 53. president

54. critical m__s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
55. c__r layer *v.* to burn or scorch the surface of something with fire or heat, often intentionally; to cook or prepare food over an open flame; to blacken or discolor due to excessive heat or burning; (noun) a charred piece of wood or other material; (noun, of a computer) a character or symbol in a text or string of characters in computer programming
56. res_____ry failure *adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
57. eff_____ess against insomnia *n.* the fact or quality of producing the result that is wanted or intended
58. gr__d bargain *adj.* important and large in size, scope, or extent
59. the cu_____t of global warming *n.* someone who is responsible for a crime or wrongdoing
60. D__t approval *n.* the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan
61. po___n allergy symptoms *n.* a fine powder substance consisting of microscopic grains produced by plants that facilitate their reproductive process through the process of pollination

ANSWERS: 54. mass, 55. char, 56. respiratory, 57. effectiveness, 58. grand, 59. culprit, 60. diet, 61. pollen

62. che_____apy side effects *n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
63. lose ex___s weight *n.* an amount or quantity beyond what is acceptable, expected, or reasonable
64. ex___e cigarette smoke *v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently
65. pr_____s law *v.* to declare openly, often publicly or formally, that one has a particular skill, belief, or feeling; to admit or affirm
66. re_____l portfolio *v.* to change the structure or form of something
67. get ins_____on from nature *n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity
68. res_____ce to insulin *n.* the act of defending oneself from an aggressor or refusing to accept something
69. strong in al_____a *n.* a type of mathematics in which signs and letters represent numbers
70. imm_____ity assay *n.* the ability of a substance, typically a vaccine or antigen, to induce an immune response in the body, which refers to the capacity of the substance to elicit the production of immune cells and antibodies, leading to an immune reaction and the development of immune memory

ANSWERS: 62. chemotherapy, 63. excess, 64. exhale, 65. profess, 66. remodel, 67. inspiration, 68. resistance, 69. algebra, 70. immunogenicity

71. effects of cl____e change *n.* the weather in a particular location averaged over some long period
72. f__t gate *n.* a military structure designed to be defended from attack
73. test my hyp____is *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
74. main c__x *n.* the most important or fundamental part of a matter or situation; the key point or central issue
75. antidiarrheal ag__t *n.* a person who represents and negotiates on behalf of someone else, such as a literary agent or talent agent; (of chemistry and medicine) a substance that brings about a chemical or physical effect; (of computer science) a piece of software that performs a task autonomously
76. s_y allergy *n.* a legume plant that is widely cultivated for its edible bean, which has many uses, such as for oil, food, and animal feed
77. the gen____on of electricity *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
78. tr____r a biochemical response *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
79. industry qu____s *n.* quantitative analysts or individuals who specialize in using quantitative methods, including mathematical and statistical modeling, in analyzing financial markets and making investment decisions

ANSWERS: 71. climate, 72. fort, 73. hypothesis, 74. crux, 75. agent, 76. soy, 77. generation, 78. trigger, 79. quants

80. a rock fo_____on *n.* the way something is created naturally or the way it has been arranged
81. gas gr__l *n.* a device used for cooking food by direct exposure to heat, typically a metal rack set over a fire or gas flame, or a part of an oven; (verb) to cook something over or under a grill
82. the files are in complete di_____er *n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
83. oxygen a__m *n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus
84. penicillin-re_____nt bacteria *adj.* not affected by something, especially changes or new ideas; of or relating to immunity to disease or infection
85. protein ki___e *n.* an enzyme that catalyzes the transfer of phosphate groups from high-energy donor molecules, such as ATP, to specific target molecules, which is crucial in various cellular processes, including signal transduction and regulating protein activity
86. gra_____ld-grandparent relationship *n.* a child of someone's son or daughter
87. womanly ho__r *n.* high regard or great respect for someone; the quality of having and doing based on a keen sense of morality; (verb) to show respect towards someone

ANSWERS: 80. formation, 81. grill, 82. disorder, 83. atom, 84. resistant, 85. kinase, 86. grandchild, 87. honor

88. an op_____ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
89. 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
90. a sa_____er fish *adj.* of or connected with seawater or water containing salt; living in or found in the sea
91. the science of ge_____cs *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
92. p__e a significant threat to my company *v.* to present a risk, problem, or other issues that must be addressed
93. a ch_____al compound *adj.* relating to or connected with chemistry;
94. have a ne_____ve effect *adj.* having the quality of something bad or harmful; expressing refusal
95. an explosive su_____ce *n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug
96. neutral hydrogen a__ms *n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus
97. eat a vegetarian d__t *n.* the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan

ANSWERS: 88. opportune, 89. calorie, 90. saltwater, 91. genetics, 92. pose, 93. chemical, 94. negative, 95. substance, 96. atom, 97. diet

98. exposure to ha____l chemicals *adj.* causing or likely to damage or injury to somebody or something,
99. bear d_n *n.* a wild animal's lair or hiding places, such as a fox or bear
100. ge___r-blind policies *n.* the range of characteristics of femininity and masculinity and differentiating between them, especially when considering social and cultural differences rather than differences in biology
101. al____a calculation *n.* a type of mathematics in which signs and letters represent numbers
102. 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
103. colorless li___d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
104. re____te blood sugar levels *v.* to control something, especially by means of rules or laws
105. thin-and-light la___p *n.* a portable computer that is small enough to be carried around easily and used on your lap
106. gambling d_n *n.* a wild animal's lair or hiding places, such as a fox or bear
107. car____nic chemicals *adj.* capable of causing cancer or promoting tumor growth; cancer-causing
108. bring my la___p *n.* a portable computer that is small enough to be carried around easily and used on your lap

ANSWERS: 98. harmful, 99. den, 100. gender, 101. algebra, 102. assume, 103. liquid, 104. regulate, 105. laptop, 106. den, 107. carcinogenic, 108. laptop

109. lump of ga_____e	<i>n.</i> waste material, especially food waste and kitchen refuse
110. sl_____ly alkaline soils	<i>adv.</i> in a small degree or extent; a little
111. op_____ne occasion	<i>adj.</i> suitable or happening at a time that is suitable or convenient for a particular purpose
112. re_____ne the future	<i>v.</i> to imagine or conceive of something in a new or different way
113. the team of qu____s	<i>n.</i> quantitative analysts or individuals who specialize in using quantitative methods, including mathematical and statistical modeling, in analyzing financial markets and making investment decisions
114. co_____e the listener	<i>v.</i> to mistake one thing for another; to make somebody hard to understand
115. traditional me_____al	<i>adj.</i> of or relating to the treatment or cure of disease
116. res_____le for a customer service	<i>adj.</i> answerable or accountable for something within one's power, control, or management
117. sp__k his interest	<i>v.</i> to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
118. in___e the aroma	<i>v.</i> to breathe in air or a different substance, such as smoke
119. c__r a wall	<i>v.</i> to burn or scorch the surface of something with fire or heat, often intentionally; to cook or prepare food over an open flame; to blacken or discolor due to excessive heat or burning; (noun) a charred piece of wood or other material; (noun, of a computer) a character or symbol in a text or string of characters in computer programming

ANSWERS: 109. garbage, 110. slightly, 111. opportune, 112. reimagine, 113. quants,

114. confuse, 115. medicinal, 116. responsible, 117. spark, 118. inhale, 119. char

120. fo_____te a response *v.* to create or develop a plan, system, theory, or formula; to express an idea or concept in a clear, precise manner
121. p__e a challenge *v.* to present a risk, problem, or other issues that must be addressed
122. che_____apy regimen *n.* the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation
123. vo_____le markets *adj.* likely to change rapidly or unexpectedly, or being unstable or explosive
124. fr_____an year *n.* a first-year student, typically in college or high school
125. de_____e independence *v.* to say, state, or announce something clearly, officially, or publicly
126. d__e adjustment *n.* a quantity or amount of medicine or a drug that is taken or administered at one time, typically measured out in specific units; a similar measure of exposure to a harmful substance or radiation
127. de___e my position *v.* to state or explain precisely the nature, scope, or meaning of something
128. compound the ing_____nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
129. sl__e a card across the table *v.* to move or cause to move smoothly along a surface without interruption

ANSWERS: 120. formulate, 121. pose, 122. chemotherapy, 123. volatile, 124. freshman, 125. declare, 126. dose, 127. define, 128. ingredient, 129. slide

130. co_____e fantasy with reality *v.* to mistake one thing for another; to make somebody hard to understand
131. pas_____te speech *adj.* showing intense emotion or strong feeling; characterized by great enthusiasm or zeal; deeply committed to a cause or belief
132. pas_____te kiss *adj.* showing intense emotion or strong feeling; characterized by great enthusiasm or zeal; deeply committed to a cause or belief
133. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
134. mat_____cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
135. say def_____ly *adv.* without any question and beyond doubt; clearly
136. connecting the d_ts *n.* a very small circular mark, especially one that is printed
137. sus_____le alternative fuel *adj.* able to continue or be continued for a long time
138. in_____t desires *v.* to prevent something, such as an action, process, etc., from happening or make it less likely to happen than normal
139. s_e my boss for harassment *v.* to claim a person or organization, especially by filing a legal claim for money or redress
140. major paradigm sh__t *n.* a slight transition in position, direction, or trend

ANSWERS: 130. confuse, 131. passionate, 132. passionate, 133. complexity, 134. mathematics, 135. definitely, 136. dot, 137. sustainable, 138. inhibit, 139. sue, 140. shift

141. carry a bu___n *n.* a duty, responsibility, etc. that is oppressive or worrisome; a load, typically a heavy one that is difficult to carry
142. def_____ly become a problem *adv.* without any question and beyond doubt; clearly
143. highly-vo_____le elements *adj.* likely to change rapidly or unexpectedly, or being unstable or explosive
144. st_____d abuse *n.* any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs
145. a bold hyp_____is *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
146. re_____te the situation *v.* to correct, repair, or improve a problem or pitfall, often in a technological, environmental, or medical context
147. re_____l the car *v.* to change the structure or form of something
148. bu___n of disease *n.* a duty, responsibility, etc. that is oppressive or worrisome; a load, typically a heavy one that is difficult to carry
149. secret ing_____nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
150. historical no__l *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

ANSWERS: 141. burden, 142. definitely, 143. volatile, 144. steroid, 145. hypothesis, 146. remediate, 147. remodel, 148. burden, 149. ingredient, 150. novel

151. 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
152. an____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
153. soy sa__e *n.* a liquid or semi-solid food served on or used in preparing other foods
154. in____t tumor growth *v.* to prevent something, such as an action, process, etc., from happening or make it less likely to happen than normal
155. al____y treatment *n.* a hypersensitivity disorder of the immune system, characterized by an exaggerated response to certain allergens, such as pollens, foods, and drugs
156. pr____s innocence *v.* to declare openly, often publicly or formally, that one has a particular skill, belief, or feeling; to admit or affirm
157. so____re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
158. meet his com____nts *n.* a promise or firm decision to do something or to behave in a certain way

ANSWERS: 151. function, 152. analyze, 153. sauce, 154. inhibit, 155. allergy, 156. profess, 157. software, 158. commitment

159. ph scale *n.* a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity
160. an isolated f__t *n.* a military structure designed to be defended from attack
161. ag__t system *n.* a person who represents and negotiates on behalf of someone else, such as a literary agent or talent agent; (of chemistry and medicine) a substance that brings about a chemical or physical effect; (of computer science) a piece of software that performs a task autonomously
162. eq__p an army *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
163. med_____on by mouth *n.* a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease
164. ab_____al heart rhythms *adj.* not typical, usual, or regular, especially in a way that is bad
165. the c__x of the argument *n.* the most important or fundamental part of a matter or situation; the key point or central issue
166. ma__o economy *n.* (computing) a set of instructions that automate a frequently used series of keystrokes or mouse actions; (photography) a lens that allows you to take close-up photographs; (economics) a large-scale economic policy or system

ANSWERS: 159. ph, 160. fort, 161. agent, 162. equip, 163. medication, 164. abnormal, 165. crux, 166. macro

167. pr_____e the amendment *v.* to make a proposal, declare a plan for something
168. consult with a ph_____an *n.* a medical doctor who practices medicine
169. ch_____c alcohol consumption *adj.* being long-lasting and recurrent or characterized by long suffering; habitual
170. ma__o scale *n.* (computing) a set of instructions that automate a frequently used series of keystrokes or mouse actions; (photography) a lens that allows you to take close-up photographs; (economics) a large-scale economic policy or system
171. pa_____t in the hospital *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
172. gen_____on gap *n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
173. ec_____y class *n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel
174. fo_____te idea *v.* to create or develop a plan, system, theory, or formula; to express an idea or concept in a clear, precise manner

ANSWERS: 167. propose, 168. physician, 169. chronic, 170. macro, 171. patient, 172. generation, 173. economy, 174. formulate

175. a m__s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
176. se_____te cream from milk *v.* to force, take, or pull apart; mark as different
177. do l__g transplantaion *n.* either of the two organs in the chest that people and some animals use for breathing
178. increase sl_____ly *adv.* in a small degree or extent; a little
179. a remote re_____ve *adj.* considered and evaluated through comparison with something else
180. cl_____fy images *v.* to categorize or group something according to a system or set of criteria; to assign something to a particular class or category based on its characteristics or properties
181. a brief ex_____t from the book *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
182. re_____on between cause and effect *n.* the way two persons or groups of people feel and act toward one another
183. pot_____ly affected *adv.* in a possible state or condition; possibly
184. pH value of seven *n.* a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity

ANSWERS: 175. mass, 176. separate, 177. lung, 178. slightly, 179. relative, 180. classify, 181. extract, 182. relation, 183. potentially, 184. ph

185. d_t blot method *n.* a very small circular mark, especially one that is printed
186. re___t the proposal *v.* to refuse to accept, consider, or use something or someone
187. heavy hy_____en *n.* the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water
188. file a la_____t *n.* a legal action taken by one party against another in a court of law, typically seeking damages or some other form of remedy for perceived wrongs or harms suffered
189. or_____c soils *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
190. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
191. hazardous li____d *n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
192. ba___y finished *adv.* just enough; hardly; with great difficulty or effort
193. am__e compound *n.* an organic compound characterized by the presence of an amino group; a derivative of ammonia, often used in the production of dyes, pharmaceuticals, and other chemical compounds

ANSWERS: 185. dot, 186. reject, 187. hydrogen, 188. lawsuit, 189. organic, 190. lab, 191. liquid, 192. barely, 193. amine

194. hold your br___h *n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
195. a cold cl_____e *n.* the weather in a particular location averaged over some long period
196. water po_____nt *n.* a substance or agent that pollutes or contaminates the environment, typically through release into the air, water, or soil
197. ex_____ng news *adj.* causing a lot of interest or excitement
198. the grand ch_____on *n.* someone who has won first place in a competition; someone who fights for a specific group of people or a belief
199. above p_r performance *n.* a state of being equal to someone or something
200. sp__k a chain reaction *v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity
201. ob_____s reasons *adj.* easy to see, discover or understand
202. sa_____er crocodile *adj.* of or connected with seawater or water containing salt; living in or found in the sea
203. pr_____nt belief *adj.* existing very commonly in a particular area or in a specific time
204. in_____e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
205. ex___d agricultural output *v.* to increase or to make something greater in size, number, or importance

ANSWERS: 194. breath, 195. climate, 196. pollutant, 197. exciting, 198. champion, 199. par, 200. spark, 201. obvious, 202. saltwater, 203. prevalent, 204. involve, 205. expand

206. co_____t mainly of cells *v.* to be composed or made up of
207. hy_____en gas *n.* the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water
208. not up to p_r *n.* a state of being equal to someone or something
209. neg_____le impact *adj.* so small or insignificant as to be not worth considering; negligible amounts or effects are too minor or unimportant to have any major impact
210. a com_____nt to an alliance *n.* a promise or firm decision to do something or to behave in a certain way
211. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
212. as___e a lousy attitude to his boss *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
213. pr_____be a drug *v.* (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something
214. a peace ini_____ve *n.* the ability to act or make decisions independently and with confidence; a plan or action proposed or taken to address a problem or need
215. source of ins_____on *n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity

ANSWERS: 206. consist, 207. hydrogen, 208. par, 209. negligible, 210. commitment, 211. responsible, 212. assume, 213. prescribe, 214. initiative, 215. inspiration

216. st____ng water *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
217. w__ned me of the plan *v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future
218. a_t view *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
219. ex____d a lineup *v.* to increase or to make something greater in size, number, or importance
220. env_____nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
221. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
222. cl____fy emails into folders *v.* to categorize or group something according to a system or set of criteria; to assign something to a particular class or category based on its characteristics or properties
223. inv_____te the matter *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth
224. act c__e *adj.* attractive, especially in a childlike or youthful way
225. di____se with CT scans *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis

ANSWERS: 216. standing, 217. warn, 218. aft, 219. expand, 220. environment, 221. complicated, 222. classify, 223. investigate, 224. cute, 225. diagnose

226. for spe_____ly American customers
adv. only associated with or meant for one thing
227. tropical ha_____ods
n. the wood of a broadleaf tree, such as oak, ash, or beech, as contrasted to that of conifers
228. baby with se_____ve skin
adj. able to notice slight changes, signals, or influences; able to feel or perceive other's feelings; susceptible to the things people say or do
229. therapeutic imm_____ity
n. the ability of a substance, typically a vaccine or antigen, to induce an immune response in the body, which refers to the capacity of the substance to elicit the production of immune cells and antibodies, leading to an immune reaction and the development of immune memory
230. la_____t settlement
n. a legal action taken by one party against another in a court of law, typically seeking damages or some other form of remedy for perceived wrongs or harms suffered
231. re_____e a phone
v. to take the place of something
232. de____e a question
v. to make up someone's mind about something; to come to a conclusion or judgment after considering options
233. ha_____od timber
n. the wood of a broadleaf tree, such as oak, ash, or beech, as contrasted to that of conifers

ANSWERS: 226. specifically, 227. hardwood, 228. sensitive, 229. immunogenicity, 230. lawsuit, 231. replace, 232. decide, 233. hardwood

234. ho__r our ancestors *n.* high regard or great respect for someone; the quality of having and doing based on a keen sense of morality; (verb) to show respect towards someone
235. inc_____ive debate *adj.* without any significant results or proof or decision
236. chaotic env_____nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
237. 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
238. a rid_____us amount of money *adj.* very silly or unreasonable and deserving to be laughed at
239. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
240. inhale am_____a fumes *n.* a compound of nitrogen and hydrogen that forms a gas with a strong smell, used as cleaning substances, fertilizers, and explosives
241. inv_____te a data leak *v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

ANSWERS: 234. honor, 235. inconclusive, 236. environment, 237. function, 238. ridiculous, 239. complexity, 240. ammonia, 241. investigate

242. re___t all imperfect merchandise *v.* to refuse to accept, consider, or use something or someone
243. ov__y atrophy *n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower
244. official sta_____cs *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
245. a fountain of wi___m *n.* the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions
246. a_t cabin *adj.* (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle
247. clogged fi___r *n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light
248. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
249. ju_____y your decision *v.* to provide a valid or reasonable explanation, reasoning, or evidence in support of a belief, action, or decision; to defend or vindicate something as right or valid
250. 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

ANSWERS: 242. reject, 243. ovary, 244. statistics, 245. wisdom, 246. aft, 247. filter, 248. lab, 249. justify, 250. cancer

251. an ex___s of exports *n.* an amount or quantity beyond what is acceptable, expected, or reasonable
252. pr_____e changes *v.* to make a proposal, declare a plan for something
253. det_____ion of a DNA sequence *n.* the quality of being persistent and purposeful; the act of finding out the exact nature or essence of something
254. pa_____t with weight loss *n.* a person who is receiving medical treatment, care, or attention from a healthcare professional, such as a doctor, nurse, or therapist; a personal quality or characteristic
255. ma_____de sauce *n.* a liquid mixture of herbs, spices, oil, and vinegar or citrus juice used to flavor and tenderize meat or fish before cooking; a soaking or immersion in this mixture
256. it will ex___e *v.* to come to the end of the period of validity of a document, authorization, agreement, etc.
257. teaching eff _____ess *n.* the fact or quality of producing the result that is wanted or intended
258. a medicine for tub _____sis *n.* an infectious disease usually caused by tubercle bacteria that can attack many parts of a person's body, especially their lungs
259. sup _____on by the police *n.* the act or process of overseeing or directing the work or performance of others
260. neurotic sy _____ms *n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease

ANSWERS: 251. excess, 252. propose, 253. determination, 254. patient, 255. marinade, 256. expire, 257. effectiveness, 258. tuberculosis, 259. supervision, 260. symptom

261. the arrest of the cu____t *n.* someone who is responsible for a crime or wrongdoing
262. seek vo_____ers *n.* a person who performs or offers to perform a job or service without being paid for or forced to do
263. ju____y my beliefs *v.* to provide a valid or reasonable explanation, reasoning, or evidence in support of a belief, action, or decision; to defend or vindicate something as right or valid
264. br____h of wind *n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
265. 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
266. Doppler sh__t *n.* a slight transition in position, direction, or trend
267. food al____y *n.* a hypersensitivity disorder of the immune system, characterized by an exaggerated response to certain allergens, such as pollens, foods, and drugs
268. salted ov__y of walleye pollack *n.* either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower

ANSWERS: 261. culprit, 262. volunteer, 263. justify, 264. breath, 265. process, 266. shift, 267. allergy, 268. ovary

269. access to public tr_____rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
270. gr__h theory *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
271. a neg_____le amount of time *adj.* so small or insignificant as to be not worth considering; negligible amounts or effects are too minor or unimportant to have any major impact
272. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
273. pr_____n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
274. organic am__e *n.* an organic compound characterized by the presence of an amino group; a derivative of ammonia, often used in the production of dyes, pharmaceuticals, and other chemical compounds
275. re_____ve factors *adj.* considered and evaluated through comparison with something else
276. gr__l a steak *n.* a device used for cooking food by direct exposure to heat, typically a metal rack set over a fire or gas flame, or a part of an oven; (verb) to cook something over or under a grill

ANSWERS: 269. transport, 270. graph, 271. negligible, 272. molecule, 273. protein, 274. amine, 275. relative, 276. grill

277. in a ra___l direction *adj.* of or relating to rays or the radii of a circle; spreading out from a central point
278. a good grounding in mat_____cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
279. have a whole m___s *n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
280. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
281. s_e a company for damages *v.* to claim a person or organization, especially by filing a legal claim for money or redress
282. d__t tape *n.* a tube, pipe, or channel for conveying air, water, or other substances
283. high levels of ant_____nts *n.* a substance that inhibits oxidation, especially one used to counteract the deterioration of stored food products
284. chest mea_____nt *n.* the act or process of finding something's size, quantity, or degree
285. risk of ch_____c disease *adj.* being long-lasting and recurrent or characterized by long suffering; habitual
286. no__l effect *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
287. super c__e dress *adj.* attractive, especially in a childlike or youthful way
288. ba___y noticeable *adv.* just enough; hardly; with great difficulty or effort

ANSWERS: 277. radial, 278. mathematics, 279. mess, 280. amazing, 281. sue, 282. duct, 283. antioxidant, 284. measurement, 285. chronic, 286. novel, 287. cute, 288. barely

289. wi___m literature *n.* the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions
290. gra_____ld development *n.* a child of someone's son or daughter
291. pa___e entertainment *adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date
292. re_____te our conduct *v.* to control something, especially by means of rules or laws
293. a gr___h sample *n.* a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other
294. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
295. vice-pr_____nt for finance *n.* the leader of a republic, for example, the US; the person in charge of the organization such as a company, university, club, etc.
296. am_____a water *n.* a compound of nitrogen and hydrogen that forms a gas with a strong smell, used as cleaning substances, fertilizers, and explosives
297. a rid_____us suggestion *adj.* very silly or unreasonable and deserving to be laughed at
298. the advice of the ph_____an *n.* a medical doctor who practices medicine
299. di___r from the majority *v.* to be not like someone or something in some way

ANSWERS: 289. wisdom, 290. grandchild, 291. passe, 292. regulate, 293. graph, 294. decide, 295. president, 296. ammonia, 297. ridiculous, 298. physician, 299. differ

300. co_____ee member *n.* a group of people appointed or elected to perform a specific function or manage a particular task, often within a larger organization
301. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
302. pa_____n drive *n.* intense, driving, or overpowering feeling or conviction
303. toxic ch_____als *adj.* relating to or connected with chemistry;
304. s_y milk *n.* a legume plant that is widely cultivated for its edible bean, which has many uses, such as for oil, food, and animal feed
305. di____r according to species *v.* to be not like someone or something in some way
306. daily d__e *n.* a quantity or amount of medicine or a drug that is taken or administered at one time, typically measured out in specific units; a similar measure of exposure to a harmful substance or radiation
307. org_____ion chart *n.* a group of people who work together for a shared purpose
308. sp_____h salad *n.* a leafy green vegetable with a slightly bitter taste and high nutritional value, often used in salads or cooked dishes, and also famously associated with the cartoon character Popeye, who claimed eating spinach made him stronger

ANSWERS: 300. committee, 301. amazing, 302. passion, 303. chemical, 304. soy, 305. differ, 306. dose, 307. organization, 308. spinach

309. pe_____t over time *v.* to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable
310. pr_____be in the preceding paragraph *v.* (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something
311. am__s followers *v.* to accumulate or gather a large quantity of something over time; to collect or assemble for future use or reference
312. in_____e stick *n.* a substance that is burned to produce a pleasant scent, often used in religious or spiritual ceremonies; figuratively, something that is pleasing or satisfying to the senses, feelings, or emotions
313. re_____on of inclusion *n.* the way two persons or groups of people feel and act toward one another
314. 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
315. people with bipolar di_____er *n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
316. int_____ve experience *adj.* acting reciprocally; mutually responsive
317. copyrighted so_____re *n.* a set of computer programs and associated documentation and data for doing particular computational jobs

ANSWERS: 309. persist, 310. prescribe, 311. amass, 312. incense, 313. relation, 314. compound, 315. disorder, 316. interactive, 317. software

318. an_____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
319. cell and molecular bi_____y *n.* the scientific study of life and the natural processes of living things
320. his conclusion was ob_____s *adj.* easy to see, discover or understand
321. sl__e a glance *v.* to move or cause to move smoothly along a surface without interruption
322. di_____se the problem *v.* to determine or distinguish the nature of a problem or an illness through a careful analysis
323. a ch_____on of peace *n.* someone who has won first place in a competition; someone who fights for a specific group of people or a belief
324. paper chr_____phy *n.* a laboratory technique used to separate and analyze chemical mixtures based on their constituent properties and interactions, often using a stationary phase and a mobile phase to isolate and identify individual components
325. his social st_____ng *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
326. su____r bad grades *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
327. co_____e augmented reality *v.* to join or merge to form a single thing or group
328. ra____l symmetry *adj.* of or relating to rays or the radii of a circle; spreading out from a central point

ANSWERS: 318. analyze, 319. biology, 320. obvious, 321. slide, 322. diagnose, 323. champion, 324. chromatography, 325. standing, 326. suffer, 327. combine, 328. radial

329. a flavorful sa__e	<i>n.</i> a liquid or semi-solid food served on or used in preparing other foods
330. fo_____on flight	<i>n.</i> the way something is created naturally or the way it has been arranged
331. su___r a setback	<i>v.</i> to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
332. me_____al chemistry	<i>adj.</i> of or relating to the treatment or cure of disease
333. re_____ne the possibilities	<i>v.</i> to imagine or conceive of something in a new or different way
334. eq__p our children with some special skills	<i>v.</i> to provide a person or a place with the things that are needed for a particular purpose or activity
335. pa_____n hobby	<i>n.</i> intense, driving, or overpowering feeling or conviction
336. sy_____ms of low testosterone	<i>n.</i> any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
337. pa__e trend	<i>adj.</i> no longer fashionable or current; outdated; considered to be old-fashioned or out of date
338. an und_____ng cause of an accident	<i>adj.</i> significant as a cause or basis of something but not immediately apparent or stated clearly
339. become ess_____ly same	<i>adv.</i> relating to the essential features or concepts of anything
340. ex___e a big sigh	<i>v.</i> to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently

ANSWERS: 329. sauce, 330. formation, 331. suffer, 332. medicinal, 333. reimagine, 334. equip, 335. passion, 336. symptom, 337. passe, 338. underlying, 339. essentially, 340. exhale

341. my vo_____er work *n.* a person who performs or offers to perform a job or service without being paid for or forced to do
342. a ne_____ve number *adj.* having the quality of something bad or harmful; expressing refusal
343. de_____e my love *v.* to say, state, or announce something clearly, officially, or publicly
344. alleviate res_____ry ailments *adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
345. the p__k current in the circuit *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
346. dual ge____r *n.* the range of characteristics of femininity and masculinity and differentiating between them, especially when considering social and cultural differences rather than differences in biology
347. de____e a word *v.* to state or explain precisely the nature, scope, or meaning of something
348. at p__k hour *n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
349. re_____te damage *v.* to correct, repair, or improve a problem or pitfall, often in a technological, environmental, or medical context

ANSWERS: 341. volunteer, 342. negative, 343. declare, 344. respiratory, 345. peak, 346. gender, 347. define, 348. peak, 349. remediate

350. as___a symptoms *n.* a chronic respiratory disease characterized by wheezing, coughing, and difficulty breathing
351. ge_____cs discrimination *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
352. frozen sp_____h *n.* a leafy green vegetable with a slightly bitter taste and high nutritional value, often used in salads or cooked dishes, and also famously associated with the cartoon character Popeye, who claimed eating spinach made him stronger
353. sta_____cs for cancer *n.* the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
354. met_____ze from breast cancer *v.* (of a cancerous tumor or disease) to spread or grow to other parts of the body from its original location
355. car_____nic air pollution *adj.* capable of causing cancer or promoting tumor growth; cancer-causing
356. tr_____nt by diet *n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
357. principles of sus_____le development *adj.* able to continue or be continued for a long time
358. cellular ki_____e *n.* an enzyme that catalyzes the transfer of phosphate groups from high-energy donor molecules, such as ATP, to specific target molecules, which is crucial in various cellular processes, including signal transduction and regulating protein activity

ANSWERS: 350. asthma, 351. genetics, 352. spinach, 353. statistics, 354. metastasize, 355. carcinogenic, 356. treatment, 357. sustainable, 358. kinase

359. 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
360. ab____al cells *adj.* not typical, usual, or regular, especially in a way that is bad
361. co____ee meeting *n.* a group of people appointed or elected to perform a specific function or manage a particular task, often within a larger organization
362. a steely det____ion *n.* the quality of being persistent and purposeful; the act of finding out the exact nature or essence of something
363. high po____n count *n.* a fine powder substance consisting of microscopic grains produced by plants that facilitate their reproductive process through the process of pollination
364. fr____an orientation *n.* a first-year student, typically in college or high school
365. optical spe____ter *n.* a scientific device used to measure the properties of light or other radiation, often used in chemistry and physics to analyze the composition of materials
366. ha____l effects of smoking *adj.* causing or likely to damage or injury to somebody or something,
367. spe____ter measurement *n.* a scientific device used to measure the properties of light or other radiation, often used in chemistry and physics to analyze the composition of materials

ANSWERS: 359. compound, 360. abnormal, 361. committee, 362. determination, 363. pollen, 364. freshman, 365. spectrometer, 366. harmful, 367. spectrometer

368. get into a m__s *n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
369. agricultural org_____ion *n.* a group of people who work together for a shared purpose
370. stress pr_____n *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
371. consistency cr_____ia *n.* (plural of criterion) standards or conditions by which something may be judged or decided
372. pr_____nt in Japan *adj.* existing very commonly in a particular area or in a specific time
373. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
374. in____t in stocks *v.* to put money, effort, time, etc. into something to make a profit or achieve a result
375. pe_____t in success *v.* to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable
376. co_____e chemically with another substance *v.* to join or merge to form a single thing or group
377. ga_____e collection *n.* waste material, especially food waste and kitchen refuse
378. ol__e branch *n.* a small green or black fruit with a bitter taste that is eaten or used to produce oil or a tree on which this fruit grows

ANSWERS: 368. mess, 369. organization, 370. protein, 371. criteria, 372. prevalent, 373. complicated, 374. invest, 375. persist, 376. combine, 377. garbage, 378. olive

379. ess_____ly correct *adv.* relating to the essential features or concepts of anything
380. l__g capacity *n.* either of the two organs in the chest that people and some animals use for breathing
381. tr_____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
382. wi___r corporate management *v.* to gradually shrink, shrivel, or become weaker, often due to lack of nourishment, age, or disease; to lose freshness, vitality, or vigor
383. a precise mea_____nt *n.* the act or process of finding something's size, quantity, or degree
384. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
385. am___s a patent portfolio *v.* to accumulate or gather a large quantity of something over time; to collect or assemble for future use or reference
386. co_____t only in knowing facts *v.* to be composed or made up of

ANSWERS: 379. essentially, 380. lung, 381. transport, 382. wither, 383. measurement, 384. develop, 385. amass, 386. consist

Session 3: Fill in the Blanks

1. The ___ level of this soil is too acidic for these types of plants.
 - n.* a measure of the acidity or alkalinity of a substance, on a scale of 0 to 14, with seven being neutral, lower values indicating greater acidity, and higher values indicating greater alkalinity

2. To advance this discussion, we must _____ "success" rigorously.
 - v.* to state or explain precisely the nature, scope, or meaning of something

3. The lawyer tried to _____ his client's actions by presenting evidence of their difficult upbringing.
 - v.* to provide a valid or reasonable explanation, reasoning, or evidence in support of a belief, action, or decision; to defend or vindicate something as right or valid

4. Long-term exposure to _____ materials can result in serious health problems.
 - adj.* capable of causing cancer or promoting tumor growth; cancer-causing

5. The _____ error of this industrial machine is less than one micrometer.
 - n.* the act or process of finding something's size, quantity, or degree

6. I forgot to renew my driver's license, and it _____.
 - v.* to come to the end of the period of validity of a document, authorization, agreement, etc.

7. He didn't meet all the _____ but he was hired anyway.
 - n.* (plural of criterion) standards or conditions by which something may be judged or decided

ANSWERS: 1. pH, 2. define, 3. justify, 4. carcinogenic, 5. measurement, 6. expired, 7. criteria,

8. The sponge takes up the _____ well.
- n.* a substance, such as water or oil that flows freely and is neither a solid nor a gas
9. Fruits and vegetables are good sources of _____.
- n.* a substance that inhibits oxidation, especially one used to counteract the deterioration of stored food products
10. 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
11. The flowers in the garden began to _____ due to lack of water.
- v.* to gradually shrink, shrivel, or become weaker, often due to lack of nourishment, age, or disease; to lose freshness, vitality, or vigor
12. The _____ class was excited to start their first year of college.
- n.* a first-year student, typically in college or high school
13. A balanced _____ is more important for health than supplements.
- n.* the food and drink that a person, animal, or community eats and drinks regularly; a legislative assembly in certain countries, for example, Japan
14. 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
15. Most countries prohibit sexual activity between certain close _____.
- adj.* considered and evaluated through comparison with something else

ANSWERS: 8. liquid, 9. antioxidants, 10. complicated, 11. wither, 12. freshman, 13. diet, 14. cancer, 15. relatives

16. The kidney is an _____ component of the body.

adj. of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

17. The paper is _____ worth reading thoroughly.

adv. without any question and beyond doubt; clearly

18. The findings of the experiment were both _____ and unexpected.

adj. causing a lot of interest or excitement

19. If necessary, you can _____ the front seats forward.

v. to move or cause to move smoothly along a surface without interruption

20. This bar _____ shows sales over the past five years.

n. a picture consisting of a line, lines, points, etc., that shows how two or more sets of certain quantities are related to each other

21. The company specializes in both hardware and _____.

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

22. I want to _____ a toast in honor of our longstanding relationship.

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

23. He _____ deeply, trying to calm down.

v. to breathe in air or a different substance, such as smoke

24. The fox had dug a _____ in the side of the hill, where it could rest and hide from predators.

n. a wild animal's lair or hiding places, such as a fox or bear

ANSWERS: 16. organic, 17. definitely, 18. exciting, 19. slide, 20. graph, 21. software, 22. propose, 23. inhaled, 24. den

25. He planned to ____ the organization for negligence.

- v.* to claim a person or organization, especially by filing a legal claim for money or redress

26. I need to finish this report by tonight, so I'll be working on my _____ all day.

- n.* a portable computer that is small enough to be carried around easily and used on your lap

27. The phone rang at the most _____ time.

- adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

28. I _____ made it to the meeting on time, rushing from another appointment across town.

- adv.* just enough; hardly; with great difficulty or effort

29. Greed is the primary _____ in the making of criminals.

- n.* one of the things used to make something, especially one of the foods used to make a particular dish

30. Many financial _____ work in investment banks, using complex mathematical models to analyze financial data.

- n.* quantitative analysts or individuals who specialize in using quantitative methods, including mathematical and statistical modeling, in analyzing financial markets and making investment decisions

31. Many people use ____ sauce for sushi, stir-fries, and marinades.

- n.* a legume plant that is widely cultivated for its edible bean, which has many uses, such as for oil, food, and animal feed

ANSWERS: 25. sue, 26. laptop, 27. opportune, 28. barely, 29. ingredient, 30. quants, 31. soy

32. We must _____ a new system to streamline our workflow and increase efficiency.

- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

33. The incident _____ a political controversy.

- v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function

34. The _____ of the matter was that the company was not financially stable.

- n.* the most important or fundamental part of a matter or situation; the key point or central issue

35. Her _____ for cooking is evident in every dish she prepares.

- n.* intense, driving, or overpowering feeling or conviction

36. She decided to _____ the vegetables on the grill for added flavor.

- v.* to burn or scorch the surface of something with fire or heat, often intentionally; to cook or prepare food over an open flame; to blacken or discolor due to excessive heat or burning; (noun) a charred piece of wood or other material; (noun, of a computer) a character or symbol in a text or string of characters in computer programming

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

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

38. He has a flair for _____.

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

ANSWERS: 32. develop, 33. triggered, 34. crux, 35. passion, 36. char, 37. analyze, 38. mathematics

39. She had _____ a fortune through wise investments and shrewd business decisions.
- v.* to accumulate or gather a large quantity of something over time; to collect or assemble for future use or reference
40. Fresh _____ is a good source of vitamins and minerals.
- n.* a leafy green vegetable with a slightly bitter taste and high nutritional value, often used in salads or cooked dishes, and also famously associated with the cartoon character Popeye, who claimed eating spinach made him stronger
41. Some _____ are banned for use by athletes because of their muscle-building effects.
- n.* any of several organic compounds that are produced in the body and have important physiological effects and affect the development and growth of sex organs
42. This ad campaign is aimed _____ at young women.
- adv.* only associated with or meant for one thing
43. The company _____ the job candidate's application due to a lack of experience.
- v.* to refuse to accept, consider, or use something or someone
44. His _____ to succeed was unwavering, even in the face of adversity.
- n.* the quality of being persistent and purposeful; the act of finding out the exact nature or essence of something
45. 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

ANSWERS: 39. amassed, 40. spinach, 41. steroids, 42. specifically, 43. rejected, 44. determination, 45. calories

46. Cultural norms strongly influence _____ expectations.

- n.* the range of characteristics of femininity and masculinity and differentiating between them, especially when considering social and cultural differences rather than differences in biology

47. The _____ of the argument was well-presented.

- n.* the real physical material of which a thing or person consist; the most important or main part of some idea or experience; an illegal drug

48. The chemicals _____ a massive health risk.

- v.* to present a risk, problem, or other issues that must be addressed

49. The community greatly respected and sought after the older adult's _____.

- n.* the quality of being wise, or the ability to use your knowledge and experience to make sensible decisions

50. The road of _____ leads to the palace of wisdom.

- n.* an amount or quantity beyond what is acceptable, expected, or reasonable

51. Table tennis is an _____ sport.

- adj.* located, happened, or used inside a building

52. He made a frightful _____ in his room.

- n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy

53. The air _____ in the building needed to be cleaned to improve the air quality.

- n.* a tube, pipe, or channel for conveying air, water, or other substances

ANSWERS: 46. gender, 47. substance, 48. pose, 49. wisdom, 50. excess, 51. indoor, 52. mess, 53. ducts

54. The ad hoc _____ met to discuss the proposal.
- n.* a group of people appointed or elected to perform a specific function or manage a particular task, often within a larger organization
55. Gas _____ is a powerful analytical technique for identifying and quantifying volatile organic compounds in complex mixtures.
- n.* a laboratory technique used to separate and analyze chemical mixtures based on their constituent properties and interactions, often using a stationary phase and a mobile phase to isolate and identify individual components
56. Wear a mask when using this chemical to avoid inhaling _____ fumes.
- adj.* causing or likely to damage or injury to somebody or something,
57. Bell-bottom jeans, once considered _____ fashion, have made a surprising comeback in recent years.
- adj.* no longer fashionable or current; outdated; considered to be old-fashioned or out of date
58. My allergies flare up during _____ season, making it difficult to breathe.
- n.* a fine powder substance consisting of microscopic grains produced by plants that facilitate their reproductive process through the process of pollination
59. The new video game has an _____ storyline that allows players to make choices that affect the game's outcome.
- adj.* acting reciprocally; mutually responsive
60. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.
- n.* a workplace for the conduct of scientific research; a laboratory
61. The bankruptcy of the giant conglomerate _____ turmoil in the stock market.
- v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity

ANSWERS: 54. committee, 55. chromatography, 56. harmful, 57. passe, 58. pollen, 59. interactive, 60. lab, 61. sparked

62. He took a deep breath and slowly began to _____.

- v.* to breathe out air or vapor from the lungs or mouth; to release or emit something slowly or gently

63. The government should view children as national assets and actively _____ in them.

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

64. She is the president of a large international _____.

- n.* a group of people who work together for a shared purpose

65. I attempted to _____ him, but he ignored me.

- v.* to make someone aware of potential danger or difficulty, particularly one that may occur in the future

66. That car has a low environmental _____.

- n.* a duty, responsibility, etc. that is oppressive or worrisome; a load, typically a heavy one that is difficult to carry

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

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

68. The outermost electron shell of an _____ determines its chemical characteristics.

- n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus

69. She visited the local _____ to seek treatment for her persistent headache.

- n.* a medical doctor who practices medicine

ANSWERS: 62. exhale, 63. invest, 64. organization, 65. warn, 66. burden, 67. medicinal, 68. atom, 69. physician

70. The wallpaper had a pattern of pink _____ on a white surface.

n. a very small circular mark, especially one that is printed

71. The ecosystem upstream of the river significantly impacts the _____ ecosystem downstream.

adj. of or connected with seawater or water containing salt; living in or found in the sea

72. The cost of the repairs was _____ compared to the value of the antique car.

adj. so small or insignificant as to be not worth considering; negligible amounts or effects are too minor or unimportant to have any major impact

73. The teacher's _____ to start a school garden project was met with enthusiasm from the students.

n. the ability to act or make decisions independently and with confidence; a plan or action proposed or taken to address a problem or need

74. They found _____ cancer in an early stage.

n. either of the pair of organs in the female reproductive system that produces eggs; (of a plant) the organ that bears the ovules of a flower

75. The _____ design of the wheel allows for maximum strength and stability.

adj. of or relating to rays or the radii of a circle; spreading out from a central point

76. The two products _____ in their quality and price.

v. to be not like someone or something in some way

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

adj. easy to see, discover or understand

ANSWERS: 70. dots, 71. saltwater, 72. negligible, 73. initiative, 74. ovary, 75. radial, 76. differed, 77. obvious

78. The pharmacist not only prescribes the _____ but also guides its proper use.
- n.* a drug or other form of medicine that treats, prevents, or alleviates the symptoms of the disease
79. This evidence supports the big-bang _____.
- n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
80. An _____ climate in the region caused a sharp decline in grain harvest.
- adj.* not typical, usual, or regular, especially in a way that is bad
81. The doctor prescribed some medicine for the mental _____.
- n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
82. Everyone regarded the theory he advocated as _____ but was later proven correct.
- adj.* very silly or unreasonable and deserving to be laughed at
83. The stone _____ was built to protect the city from invading forces.
- n.* a military structure designed to be defended from attack
84. 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
85. Character _____ is one of the goals of education.
- n.* the way something is created naturally or the way it has been arranged

ANSWERS: 78. medication, 79. hypothesis, 80. abnormal, 81. disorder, 82. ridiculous, 83. fort, 84. biology, 85. formation

86. Her remarks _____ the debate.

v. to mistake one thing for another; to make somebody hard to understand

87. The ____ section of the ship suffered significant damage after the collision with the reef.

adj. (the opposite of "forward") located at or towards the rear or back of a ship, aircraft, or other vehicle

88. The _____ and the oxygen react and then form water.

n. the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water

89. The _____ has largely gotten positive feedback.

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

90. Consult your doctor if the symptoms _____.

v. to continue to do and refuse to stop something despite difficulties or opposition, even if it appears unreasonable

91. She couldn't _____ whether to order the pizza or the pasta for dinner.

v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

92. Anesthetize the gum before _____ the teeth.

n. a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

93. He moved his body _____ to the left.

adv. in a small degree or extent; a little

ANSWERS: 86. confused, 87. aft, 88. hydrogen, 89. novel, 90. persist, 91. decide, 92. extracting, 93. slightly

94. The company is facing a _____ for its alleged discrimination against employees.

- n.* a legal action taken by one party against another in a court of law, typically seeking damages or some other form of remedy for perceived wrongs or harms suffered

95. The committee _____ several apparent inconsistencies.

- v.* to conduct a systematic or formal inquiry to identify and evaluate the facts of a crime, problem, statement, etc. to establish the truth

96. _____ hyperglycemia is a trigger for a variety of serious diseases.

- adj.* being long-lasting and recurrent or characterized by long suffering; habitual

97. 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

98. They finally found the _____ of the bug after a long time.

- n.* someone who is responsible for a crime or wrongdoing

99. The scientist researched the effects of _____ compounds on plant growth.

- adj.* pertaining to a chemical compound or molecule that contains a ring structure composed of atoms of at least two different elements

100. _____ a society is an organism.

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

101. His business _____ took him to the United States.

- n.* a promise or firm decision to do something or to behave in a certain way

ANSWERS: 94. lawsuit, 95. investigated, 96. Chronic, 97. involves, 98. culprit, 99. heterocyclic, 100. Essentially, 101. commitments

102. The patient displays a _____ of a side effect.
- n.* any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
103. The primary purpose of the _____ is pain relief.
- n.* the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
104. She conducted a series of tests to identify the specific _____ derivative present in the sample.
- n.* an organic compound characterized by the presence of an amino group; a derivative of ammonia, often used in the production of dyes, pharmaceuticals, and other chemical compounds
105. The scientists worked together to _____ a plan for their research project.
- v.* to create or develop a plan, system, theory, or formula; to express an idea or concept in a clear, precise manner
106. The _____ enzyme plays a crucial role in cell signaling and regulation.
- n.* an enzyme that catalyzes the transfer of phosphate groups from high-energy donor molecules, such as ATP, to specific target molecules, which is crucial in various cellular processes, including signal transduction and regulating protein activity
107. The _____ of the country is struggling due to the recent political instability.
- n.* the system by which a country or region produces manages, and distributes goods and services, including the money and finances involved in these activities; (of an airline) the lowest-priced, most basic option for seating in commercial travel

ANSWERS: 102. symptom, 103. treatment, 104. amine, 105. formulate, 106. kinase, 107. economy

108. Could you help me _____ some furniture?

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

109. It has spacious rooms with wide _____ flooring.

n. the wood of a broadleaf tree, such as oak, ash, or beech, as contrasted to that of conifers

110. He is a specialist in the _____ of aging.

n. the branch of biology that studies genes, genetic variation, and heredity in organisms

111. The _____ concert was packed with fans.

adj. existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation

112. Hydrogen and oxygen _____ to form water.

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

113. 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

114. The company is trying to _____ its business model to stay competitive.

v. to imagine or conceive of something in a new or different way

115. The body needs a certain amount of _____ to build and repair tissues.

n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

ANSWERS: 108. shift, 109. hardwood, 110. genetics, 111. standing, 112. combine, 113. environment, 114. reimagine, 115. protein

116. 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
117. He bated his _____ when talking about this affair.
- n.* the air that is taken into and expelled from your lungs; the process of taking into and expelling air from your lungs
118. The factory's use of chemicals has made it a significant _____ in the area.
- n.* a substance or agent that pollutes or contaminates the environment, typically through release into the air, water, or soil
119. Chronic _____ disorders, such as asthma, can significantly impact a person's quality of life.
- adj.* relating to the organs and processes involved in breathing, such as the lungs and the act of inhaling and exhaling air
120. The younger _____ has different values and beliefs than the older one.
- n.* all the people born and living at about the same time, regarded collectively; the production of heat or electricity
121. The FBI _____ went undercover to infiltrate the criminal organization.
- n.* a person who represents and negotiates on behalf of someone else, such as a literary agent or talent agent; (of chemistry and medicine) a substance that brings about a chemical or physical effect; (of computer science) a piece of software that performs a task autonomously
122. This device is used to _____ brain cancer and other tumors.
- v.* to determine or distinguish the nature of a problem or an illness through a careful analysis

ANSWERS: 116. assumes, 117. breath, 118. pollutant, 119. respiratory, 120. generation, 121. agent, 122. diagnose

123. The club _____ does not have absolute power.
- n.* the leader of a republic, for example, the US; the person in charge of the organization such as a company, university, club, etc.
124. This measurement aims to reduce traffic at _____ periods.
- n.* the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
125. _____ and weather have an impact on every part of our lifestyles.
- n.* the weather in a particular location averaged over some long period
126. 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
127. In ancient times, people believed that burning _____ helped ward off evil spirits.
- n.* a substance that is burned to produce a pleasant scent, often used in religious or spiritual ceremonies; figuratively, something that is pleasing or satisfying to the senses, feelings, or emotions
128. Cancer cells can _____ and spread to other body parts if left untreated.
- v.* (of a cancerous tumor or disease) to spread or grow to other parts of the body from its original location
129. The older man _____ from arthritis and finds it difficult to move around.
- v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
130. The restaurant is famous for its _____ where they serve the best steaks.
- n.* a device used for cooking food by direct exposure to heat, typically a metal rack set over a fire or gas flame, or a part of an oven; (verb) to cook something over or under a grill

ANSWERS: 123. president, 124. peak, 125. Climate, 126. complexity, 127. incense, 128. metastasize, 129. suffers, 130. grill,

131. The doctor carefully examined the _____ medical history.

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

132. The movie has received almost universally _____ criticism.

adj. having the quality of something bad or harmful; expressing refusal

133. The firm has grown into a large _____ manufacturing.

adj. relating to or connected with chemistry;

134. The ____ of people who do not own property is politically impotent.

n. a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

135. Their _____ argument lasted for hours, neither willing to back down.

adj. showing intense emotion or strong feeling; characterized by great enthusiasm or zeal; deeply committed to a cause or belief

136. Many cancer patients undergo _____ as a treatment option.

n. the treatment of disease, particularly cancer, using special drugs that have a toxic effect on cancer cells; frequently used in conjunction with other therapies such as surgery and radiation

137. The _____ bicyclist outrode all his competitors.

n. someone who has won first place in a competition; someone who fights for a specific group of people or a belief

138. The organization assisted in the de-escalation of _____ violent situations.

adv. in a possible state or condition; possibly

ANSWERS: 131. patient's, 132. negative, 133. chemical, 134. mass, 135. passionate, 136. chemotherapy, 137. champion, 138. potentially

139. I claim on my _____ that it is true.

- n.* high regard or great respect for someone; the quality of having and doing based on a keen sense of morality; (verb) to show respect towards someone

140. The scientists conducted extensive research to determine the _____ of the new vaccine.

- n.* the ability of a substance, typically a vaccine or antigen, to induce an immune response in the body, which refers to the capacity of the substance to elicit the production of immune cells and antibodies, leading to an immune reaction and the development of immune memory

141. This examination _____ of five problems to solve.

- v.* to be composed or made up of

142. Ozone is a primary _____ to protect Earth's surface from harmful UV rays.

- n.* any of several types of equipment or systems used to separate particles from liquids or gases or to remove specific forms of light

143. She was put in charge of the project and had full _____ over the team.

- n.* the act or process of overseeing or directing the work or performance of others

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

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

145. This product is a durable material that combines cost-_____ and quality.

- n.* the fact or quality of producing the result that is wanted or intended

146. Shares in the company finally fell below their ____ value.

- n.* a state of being equal to someone or something

ANSWERS: 139. honor, 140. immunogenicity, 141. consists, 142. filter, 143. supervision, 144. sensitive, 145. effectiveness, 146. par

147. We need to _____ the contaminated soil before it is safe to use.
- v. to correct, repair, or improve a problem or pitfall, often in a technological, environmental, or medical context
148. I need to _____ these documents for the upcoming audit.
- v. to categorize or group something according to a system or set of criteria; to assign something to a particular class or category based on its characteristics or properties
149. 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
150. 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
151. He found _____ in the works of his favorite authors.
- n. something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity
152. They hope to _____ their business worldwide.
- v. to increase or to make something greater in size, number, or importance
153. He _____ his love for her every day, showering her with gifts and affection.
- v. to declare openly, often publicly or formally, that one has a particular skill, belief, or feeling; to admit or affirm
154. The industrial _____ laws were passed with little to no alteration.
- n. the way two persons or groups of people feel and act toward one another

ANSWERS: 147. remediate, 148. classify, 149. resistance, 150. molecule, 151. inspiration, 152. expand, 153. professes, 154. relations

155. _____ used to be considered a fatal disease.
n. an infectious disease usually caused by tubercle bacteria that can attack many parts of a person's body, especially their lungs
156. The grandparents take care of their _____ while the parents are at work.
n. a child of someone's son or daughter
157. The _____ demonstrate that poverty and unemployment are genuine problems.
n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
158. The advent of _____ fertilizers markedly increased agricultural productivity.
n. a compound of nitrogen and hydrogen that forms a gas with a strong smell, used as cleaning substances, fertilizers, and explosives
159. The baby's chubby cheeks and big eyes made her look so _____.
adj. attractive, especially in a childlike or youthful way
160. We must manage to _____ our expenditure.
v. to control something, especially by means of rules or laws
161. The _____ test helped to determine the cause of her symptoms.
n. a hypersensitivity disorder of the immune system, characterized by an exaggerated response to certain allergens, such as pollens, foods, and drugs
162. This virus is _____ in many tropical nations.
adj. existing very commonly in a particular area or in a specific time

ANSWERS: 155. Tuberculosis, 156. grandchild, 157. statistics, 158. ammonia, 159. cute, 160. regulate, 161. allergy, 162. prevalent

163. The infrared _____ helped identify the chemical composition of the sample.
- n.* a scientific device used to measure the properties of light or other radiation, often used in chemistry and physics to analyze the composition of materials
164. We need to _____ the aspect of his personality from the part of his competence when making an investment decision.
- v.* to force, take, or pull apart; mark as different
165. His classmates were laboring with advanced _____.
- n.* a type of mathematics in which signs and letters represent numbers
166. She took the recommended _____ of medication to treat her headache.
- n.* a quantity or amount of medicine or a drug that is taken or administered at one time, typically measured out in specific units; a similar measure of exposure to a harmful substance or radiation
167. The _____ truck will be coming to pick up the trash every Monday morning.
- n.* waste material, especially food waste and kitchen refuse
168. Their relationship was _____ and prone to sudden outbursts of anger.
- adj.* likely to change rapidly or unexpectedly, or being unstable or explosive
169. The government should do more to support environmentally _____ agriculture.
- adj.* able to continue or be continued for a long time
170. The _____ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 163. spectrometer, 164. separate, 165. algebra, 166. dose, 167. garbage, 168. volatile, 169. sustainable, 170. process

171. They enjoyed reading under the _____ trees.

- n.* a small green or black fruit with a bitter taste that is eaten or used to produce oil or a tree on which this fruit grows

172. Foreign goods from abroad must be _____ to customs when entering a country.

- v.* to say, state, or announce something clearly, officially, or publicly

173. 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

174. The pasta dish was served with a rich tomato _____.

- n.* a liquid or semi-solid food served on or used in preparing other foods

175. Climate behavior models are frequently _____.

- adj.* without any significant results or proof or decision

176. Excessive parental interference may _____ children's eagerness to learn.

- v.* to prevent something, such as an action, process, etc., from happening or make it less likely to happen than normal

177. Eventually, the new design will _____ all older models.

- v.* to take the place of something

178. The teachers make full use of _____ assistance.

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

ANSWERS: 171. olive, 172. declared, 173. function, 174. sauce, 175. inconclusive, 176. inhibit, 177. replace, 178. volunteer

179. Enhanced rail _____ is crucial for our business.

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

180. We are _____ these rooms now.

v. to change the structure or form of something

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

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

182. _____ photography is a technique that allows you to take close-up photos of small objects.

n. (computing) a set of instructions that automate a frequently used series of keystrokes or mouse actions; (photography) a lens that allows you to take close-up photographs; (economics) a large-scale economic policy or system

183. He always had to carry an inhaler due to his severe _____.

n. a chronic respiratory disease characterized by wheezing, coughing, and difficulty breathing

184. The golfer recorded an _____ distance.

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

185. He has terminal _____ cancer.

n. either of the two organs in the chest that people and some animals use for breathing

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

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

ANSWERS: 179. transportation, 180. remodeling, 181. resistant, 182. Macro, 183. asthma, 184. amazing, 185. lung, 186. grand

187. The _____ principle of every business was identical.

adj. significant as a cause or basis of something but not immediately apparent or stated clearly

188. Federal bankruptcy laws _____ the reorganization process.

v. (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something

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

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

190. This train departed later than _____ scheduled.

adv. at the beginning; at first

191. The construction company _____ the building with an earthquake-resistant device.

v. to provide a person or a place with the things that are needed for a particular purpose or activity

192. 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

193. I love to use a citrus-based _____ for seafood dishes.

n. a liquid mixture of herbs, spices, oil, and vinegar or citrus juice used to flavor and tenderize meat or fish before cooking; a soaking or immersion in this mixture

ANSWERS: 187. underlying, 188. prescribed, 189. responsible, 190. initially, 191. equipped, 192. compound, 193. marinade

ANSWERS: