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Vocabulary Builder Reference from...

Jakob Magolan: A crash course in organic chemistry |

TED Talk

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All Words

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Session 1: Word List

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.

chemistry

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

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

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

grueling

adj. extremely tiring or demanding great effort, especially with long duration or intensity

synonym : exhausting, draining, demanding

(1) **grueling** process, (2) a **grueling** campaign

The marathon was a **grueling** test of endurance.

introduction

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

synonym :

initiation, preamble, prologue

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

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

flood

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

synonym: deluge, downpour, overflow

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

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

overwhelm

v. to defeat someone or something by using a great deal of force; to have a strong emotional effect on somebody

synonym: conquer, crush, dominate

(1) he was **overwhelmed** with gratitude, (2) **overwhelm** opponents by numbers

Too much variety may **overwhelm** and confuse viewers.

ace

n. a playing card with a single symbol or mark that is typically the highest in value or rank in a particular card game; a person who is very skilled or successful in a specific activity or field

synonym: expert, master, champion

(1) tennis **ace**, (2) **ace** in the hole

He was an **ace** at playing poker and often won the game.

dentist

n. a person who is qualified and licensed to treat people's teeth

synonym: oral surgeon, orthodontist, periodontist

(1) a **dentist's** office, (2) consult a **dentist**

I am going to the family **dentist** to get my teeth cleaned.

veterinarian

n. (formal for a vet) a medical professional who specializes in the care and treatment of animals, especially those that are domesticated or kept as pets

synonym: vet, animal doctor, pet doctor

(1) **veterinarian** clinic, (2) experienced **veterinarian**
I took my pet to the **veterinarian** for a routine check-up.

perceive

v. to become aware or conscious of something through the senses

synonym : sense, discern, feel

(1) **perceive** a threat, (2) **perceive** light

Australia is widely **perceived** as having low levels of corruption.

obstacle

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

synonym : hindrance, barrier, block

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

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

weed

n. a wild plant growing where it is not wanted and in competition with cultivated plants

synonym : plant, grass, shrub

(1) pull up a **weed**, (2) **weed** management

The garden was full of **weeds** that needed to be pulled.

cruel

adj. feeling or showing pleasure in causing pain or suffering to others

synonym : heartless, sadistic, vicious

(1) a **cruel** and unusual punishment, (2) **cruel** joke

The dictator was known for his **cruel** and oppressive regime.

perception

n. a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

synonym : understanding, idea, awareness

(1) keen **perception**, (2) **perception** of a stimulus

He is a man admired for the depth of his **perception**.

universal

adj. existing or affecting everywhere or everyone

synonym : common, broad, worldwide

(1) **universal** life, (2) principles of **universal** design
The picture earned near- **universal** acclaim from critics.

anxiety

n. a feeling of worry, nervousness, or unease about something that is happening or might happen in the future

synonym: concern, dread, agita

(1) diagnosis of **anxiety** disorder, (2) **anxiety** for knowledge
She waited for her daughter with **anxiety**.

inexcusable

adj. impossible to excuse or justify; reprehensible or unforgivable

synonym: unforgivable, unjustifiable, indefensible

(1) **inexcusable** delay, (2) **inexcusable** excuse
His behavior at the meeting was **inexcusable** and will not be tolerated.

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.

premed

n. (an abbreviation for "pre-medical") a course of study or preparation undertaken by students planning to enter medical school or pursue a career in medicine

(1) **premed** class, (2) **premed** coursework
The **premed** student spent hours studying anatomy and physiology to prepare for medical school.

frank

adj. honest and sincere; open and candid in expression

synonym: candid, direct, freehearted

(1) **frank** and open discussion, (2) make a **frank** apology
Full involvement means **frank** and prompt responses.

anxious

adj. worried and nervous

synonym : nervous, uneasy, afraid

(1) **anxious** about his health, (2) an **anxious** look
He cast **anxious** glances behind her.

adrenaline

n. (also "epinephrine") a substance secreted by the adrenal medulla in response to stress, which makes the heart beat faster and prepares the body to react to danger

synonym : epinephrine

(1) **adrenaline** receptor, (2) **adrenaline** addiction

The band has released a lot of **adrenaline-pumping** rock music.

restart

v. to start something again, especially after a pause or interruption

synonym : continue, resume, begin anew

(1) **restart** a game, (2) **restart** a nuclear reactor

She tried to **restart** the conversation after the awkward silence.

threaten

v. to utter intentions of injury or punishment against someone

synonym : endanger, terrorize, intimidate

(1) **threaten** a healthy relationship, (2) **threaten** national security

Various artificially induced causes are **threatening** our ecosystem.

allergic

adj. having or caused by an allergy

synonym : hypersensitive, supersensitive, susceptible

(1) **allergic** children, (2) **allergic** to pollen

The infection triggered a high fever and **allergic** reactions.

reaction

n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others

synonym : response, reply, answer

(1) chemical **reaction**, (2) trigger a **reaction**

There was a chemical **reaction** of the lime with the groundwater.

injection

n. the act of introducing a liquid, especially a drug, into the body using a needle and a syringe

synonym : shot, infusion, dose

(1) fuel **injection**, (2) **injection** needle

He received an **injection** of antibiotics to treat his infection.

ignition

n. the act of starting a fire, engine, or other device; the beginning or starting point of a process or event

synonym : kindling, start, activation

(1) **ignition** system, (2) **ignition** switch

My car's **ignition** wouldn't turn over, so I had to call a mechanic.

flee

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

synonym : exit, escape, run away

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

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

machinery

n. a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something

synonym : apparatus, appliance, equipment

(1) heavy **machinery**, (2) inactive **machinery**

The **machinery** of audit formally issued a business improvement order.

pupil

n. the black circular opening in the center of the iris of the eye, through which light enters the eye; a student in school or university

synonym : iris, eye aperture, student

(1) **pupil** constriction, (2) attentive **pupil**

The **pupil** of your eye dilates in response to different light levels.

dilate

v. to make something wider, larger, or more open

synonym: widen, open, enlarge

(1) **dilate** the bronchial tubes, (2) **dilate** blood vessel

The pupils of the eyes **dilate** in low light.

strength

n. the quality or state of being physically, or sometimes mentally, strong

synonym: resilience, power, muscles

(1) **strength** of the economy, (2) muscular **strength**

Health and **strength** are, above all, gold.

miracle

n. an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God

synonym: wonder, marvel, phenomenon

(1) **miracle** person, (2) economic **miracle**

The doctors said that her recovery was a **miracle**.

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.

structure

n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

synonym: construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

The organizational **structure** of start-ups is often flat and straightforward.

depth

n. the distance between the top and bottom of something; between the top surface and a distance below it

synonym : deepness, profoundness, extent

(1) **depth** camera, (2) the **depth** of the water

The pond's **depth** was around five feet.

rot

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

synonym : perish, decay, corrode

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

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

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**.

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.

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.

stitch

n. one of the tiny thread lines visible on a piece of fabric after it has been sewn

(1) a **stitch** in a garment, (2) pattern **stitch**

The wound was so deep that it needed a surgical procedure and **stitches**.

atomic

adj. of or relating to atom (= the smallest component of an element)

synonym : tiny, microscopic, nuclear

(1) **atomic** nucleus, (2) **atomic** bomb

Carbon has an **atomic** mass of 12.

bond

n. a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money

synonym : bind, adhesion, attachment

(1) **bond** as a family, (2) global **bond** market

They had formed a friendship **bond**.

arrangement

n. a plan or preparation for the future event; the action or process of placing things in a particular order

synonym : placement, configuration, account

(1) **arrangement** of the furniture, (2) **arrangement** committee

As a first **arrangement**, we agreed to meet the following Friday.

identity

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

synonym : character, personality, individuality

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

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

artistic

adj. of or relating to art or artist; satisfying aesthetic standards and sensibilities

synonym : beautiful, aesthetic, creative

(1) an **artistic** photograph, (2) cultural and **artistic** activity

Promising entrepreneurs often have a high **artistic** sensibility.

impressive

adj. arousing admiration due to size, quality, or skill

synonym : impactful, remarkable, exceptional

(1) **impressive** performances, (2) an **impressive** array of facts

The budget reduction was an **impressive** feat for our nation.

gram

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

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

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

dissolve

v. to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

synonym : disband, disappear, liquefy

(1) **dissolve** the sugar, (2) officially **dissolved** the marriage

The political party **dissolved** after much internal fighting.

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.

grain

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

synonym : seed, piece, cereal

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

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

sand

n. finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action

synonym : grit, dust, powder

(1) **sand** dunes, (2) **sand** castle

The **sand** on the beach was warm and golden.

quintillion

n. a cardinal number representing one thousand raised to the power of six (the number one followed by 18 zeros, 1,000,000,000,000,000,000)

(1) one **quintillion** dollars, (2) **quintillion** stars

There are approximately one **quintillion** insects on the planet at any given time.

visualize

v. to form a mental image or concept of something; to make something visible

synonym: imagine, picture, envision

(1) **visualize** data, (2) **visualize** flying through space

She tried to **visualize** the layout of the new house in her mind.

planet

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

synonym: earth, world, globe

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

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

galaxy

n. an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity

synonym: star cluster, nebula, star system

(1) elliptic **galaxy**, (2) a **galaxy** of famous actors

The Milky Way **galaxy** has numerous water-bearing planets.

ballpark

v. a place or facility where baseball is played; a rough estimation of something

synonym: arena, proximity, vicinity

(1) **ballpark** price, (2) major-league **ballpark**

It'll be somewhere in the **ballpark** of \$100.

shrink

v. to become smaller, or to make something smaller in size or amount

synonym: decrease, diminish, shy away

(1) **shrink** the tumor, (2) **shrink** with fear

This shirt will **shrink** in the wash.

microscope

n. an instrument used to see objects or substances that are too small to be seen with the naked eye

synonym: lens, magnifier, eyepiece

(1) **microscope** slide, (2) electron **microscope**

I used an optical **microscope** to observe the small organisms in the water sample.

sophisticated

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

synonym: refined, cultured, worldly

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

Marketing strategies are growing more **sophisticated**.

fancy

v. to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy

synonym: imagine, visualize, (noun) fantasy

(1) **fancy** a cup of coffee, (2) a flight of **fancy**

I don't **fancy** acting in such an important role.

nuclear

adj. of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

synonym: atomic

(1) **nuclear** fusion, (2) use of **nuclear** power

Many countries have now agreed to a treaty banning the use of **nuclear** weapons.

magnetic

adj. having the properties of attracting or repelling certain materials containing iron or steel

synonym: attractive, drawing, hypnotic

(1) **magnetic** field, (2) a **magnetic** tape

The **magnetic** force of the earth keeps our planet spinning.

resonance

n. a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things

synonym : echo, vibration, reverberation

(1) **resonance** frequency, (2) harmonic **resonance**

The singer's voice filled the auditorium with beautiful **resonance**.

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.

visible

adj. capable of being seen; or open to easy view

synonym : clear, observable, seeable

(1) **visible** stars, (2) **visible** by X-ray

My home is easily **visible** from the shore.

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.

carbon

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

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

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

oxygen

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

(1) the hydrogen binds the **oxygen**, (2) lack of **oxygen**
The passenger grabbed for the **oxygen** mask.

nitrogen

n. a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins

(1) heavy **nitrogen**, (2) **nitrogen** absorption

Nitrogen gas is used to inflate car tires because it does not react with rubber.

typical

adj. having the usual characteristics or traits of a specific group of things

synonym: characteristic, usual, distinctive

(1) **typical** leader, (2) fairly **typical** symptoms

This artwork is **typical** of her work.

universe

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

synonym: cosmos, macrocosm

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

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

sphere

n. a round object or geometric shape that is three-dimensional and symmetrical around a central point; a particular aspect or scope of life or activity

synonym: ball, globe, scope

(1) **sphere** of influence, (2) business **sphere**

The **sphere** of the earth is divided into several layers including the crust, mantle, and core.

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.

particle

n. a small piece of something; a word or piece of a term with grammatical function but little or no significance

synonym: atom, grain, bit

(1) charged **particle**, (2) **particle** energy

We can calculate the position of the **particles** statistically.

proton

n. a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms

(1) **proton** decay, (2) **proton** conductivity

The solar wind is composed almost entirely of electrons and **protons**.

neutron

n. a subatomic particle with no electric charge that is present in all atomic nuclei except those of ordinary hydrogen

(1) **neutron** acceleration, (2) the antiparticle of a **neutron**

A **neutron** star is incredibly dense and has a strong gravitational pull.

electron

n. a tiny particle with the negative electrical charge

synonym: negatron

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

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

arrange

v. to plan, prepare for, and carry out something

synonym: set up, order, organize

(1) **arrange** the meeting, (2) the list was **arranged** alphabetically

I need to **arrange** plans with him for the celebration.

subset

n. a set of things that are contained within another larger set; a portion or division of a group or category

synonym: subcategory, subdivision

(1) proper **subset**, (2) **subset** selection

A **subset** of the employees will be trained in the new software program.

misspell

v. to spell incorrectly or wrongly; to use an incorrect spelling for a word

synonym: miscopy, mismark

(1) **misspell** words, (2) **misspell** his name

Please be careful not to **misspell** any of the words in your essay.

honk

n. a loud, harsh sound made by a vehicle's horn to signal a warning or attract attention

synonym: beep, toot, blare

(1) **honk** sound, (2) **honk** for attention

The incessant **honk** of the car's horn woke me from sleep.

handshake

n. a greeting or form of introduction in which two people grasp each other's hands and briefly grip and shake them; (of computer science) a process by which two devices or software applications establish a connection and exchange information to ensure that they can communicate effectively

synonym: greeting, handclasp, welcome

(1) **handshake** protocol, (2) virtual **handshake**

The two business partners sealed the deal with a **handshake**.

permanent

adj. lasting for a long time without essential change

synonym: lasting, ceaseless, endless

(1) literature of **permanent** value, (2) **permanent** life insurance

She is searching for a **permanent** residence.

grab

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

synonym: clutch, snatch, grasp

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

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

exchange

- v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

synonym: trade, swap, interchange

(1) **exchange** rate, (2) **exchange** a few friendly words
My sister and I frequently **exchange** books, as we love reading.

backbone

- n.* the spinal column of a vertebrate; a symbolic representation of strength and resilience

synonym: spine, courage, fortitude

(1) **backbone** of society, (2) **backbone** curve
She showed great **backbone** when standing up for her beliefs in opposition.

structural

- adj.* associated with the way on construction or organization of anything

synonym: architectural, basic, anatomical

(1) **structural** analyses, (2) **structural** reorganization
The earthquake resulted in significant **structural** destruction.

grip

- n.* the act of holding onto something firmly with your hands, or the ability to do so; (verb) to hold fast or firmly

synonym: grasp, clasp, (verb) hold

(1) **grip** of fear, (2) lose my **grip**
He had a firm **grip** on the rope as he climbed the mountain.

highlight

- v.* to make something prominent, mainly so that people give it more attention

synonym: feature, emphasize, stress

(1) **highlight** a string in red, (2) **highlight** an important difference
The introduction **highlighted** the speaker's distinguished career as a consultant

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.

methane

n. a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel

(1) atmospheric **methane**, (2) reduce **methane** emissions

The ignition of **methane** gas in the plant killed five employees.

combustion

n. the act or process of burning something

synonym: burning, burst

(1) internal **combustion** engine, (2) spontaneous **combustion**

Combustion of the people grew until the revolt was unavoidable.

oxide

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

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

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

flammable

adj. able to burn easily

synonym: combustible, ignitable, incendiary

(1) **flammable** atmosphere, (2) non- **flammable** fiber

The warning labels indicated that the product was highly **flammable**.

fuel

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

synonym: energy, power, gas

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

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

sector

hydrocarbon

n. an organic compound consisting entirely of hydrogen and carbon

(1) **hydrocarbon** production, (2) **hydrocarbon** molecules in crude oil

Burning **hydrocarbons** releases water vapor and carbon dioxide.

creative

adj. relating to or involving the use of skill and original and unusual ideas to create something

synonym : imaginative, innovative, inventive

(1) **creative** writing, (2) barren of **creative** spirit

All the supervisor has to do is assign tasks that make his subordinates more **creative**.

engine

n. a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

synonym : motor, locomotive, driver

(1) a steam **engine**, (2) an air-cooled **engine**

The policies he announces can be the **engine** of economic growth in the country.

barbecue

n. a cooking method or apparatus that uses open flames or heated coals to grill or smoke meat, fish, or vegetables; a social gathering or meal characterized by outdoor grilling or barbecuing of food

synonym : grill, cookout, outdoor cooking

(1) **barbecue** sauce, (2) **barbecue** grill

The **barbecue** at the park was a hit with all the families who attended.

release

v. to set free or allow to escape from confinement

synonym : free, let go, discharge

(1) **release** a prisoner, (2) **release** CO₂ into the air

The animal rights group worked to **release** the dolphins back into the wild.

assemble

v. to collect in one place as a single group

synonym: gather, congregate, collect

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

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

vitamin

n. any of a group of organic compounds that are essential in small quantities to the diet and are present in natural foodstuffs or sometimes produced within the body

synonym: nutrient, micronutrient, dietary supplement

(1) rich in **vitamin D**, (2) **vitamin** deficiency

Vitamin C is important for immune system function and skin health.

morphine

n. a powerful narcotic drug used to relieve pain and induce sleep

synonym: narcotic, painkiller, sedative

(1) **morphine** addiction, (2) synthetic **morphine**

Long-term use of **morphine** can lead to tolerance, physical dependence, and addiction.

medical

adj. relating to the treatment of illness or injuries; relating to the practice of medicine

synonym: health, disease, treatment

(1) a **medical** opinion, (2) temporary **medical** treatment

The **medical** team worked quickly to save the patient's life.

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.

triumph

n. a great victory or achievement

synonym: victory, success, conquest

(1) **triumph** of democracy, (2) **triumph** of the spirit

The team's **triumph** in the championship resulted from their hard work and dedication.

handy

adj. valuable and convenient; easy or ready to reach or use

synonym: clever, accessible, available

(1) a **handy-sized** bag, (2) **handy** tool

They found a **handy** place to play catch.

representation

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

synonym: delegacy, manifestation, expression

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

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

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.

backward

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

synonym: back, rearward, in reverse

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

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

triangle

n. a three-sided polygon with three angles; something that has three sides or parts

synonym: trilateral, delta, triad

(1) **triangle** shape, (2) love **triangle**

The Pythagorean theorem is used to calculate the length of the sides of a right **triangle**.

solid

adj. hard or firm; characterized by good substantial quality

synonym : stable, reliable, hard

(1) **solid** ally, (2) **solid** employment measures

The **solid-state** of water is called ice.

indicate

v. to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly

synonym : hint, suggest, show

(1) **indicate** a preference, (2) **indicate** an error

The data **indicates** that the company's profits have steadily increased over the past quarter.

represent

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

synonym : depict, express, describe

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

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

rid

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

synonym : do away with, free, clear

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

We must **rid** ourselves of pollution.

adrenal

adj. relating to two glands situated above the kidneys, called the adrenal gland

(1) **adrenal** gland, (2) **adrenal** cortex

The doctor ordered tests to check the patient's **adrenal** function.

gland

n. a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream

synonym : secretor

(1) the function of the thyroid **gland**, (2) a mammary **gland**
The adrenal **glands** produce steroids.

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.

cattle

n. cows, bulls, and buffalos that are raised for their milk or
meat as farm animals

synonym: cows, herd, oxen

(1) **cattle** barn, (2) **cattle** hide

The **cattle** are on the grassland and grazing.

petroleum

n. a flammable liquid consisting of a complex mixture of
hydrocarbons that occurs naturally in certain rock
formations and can also be refined to produce fuels
such as gasoline, diesel, and jet fuel

synonym: oil, crude oil, fossil fuel

(1) liquefied **petroleum** gas, (2) crude **petroleum**

The country's economy relies heavily on its **petroleum**
industry.

synthetic

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

synonym: artificial, manufactured, fabricated

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

Synthetic diamonds play an essential role as machine tool
blades.

uncomfortable

adj. providing or feeling physical discomfort or slight pain

synonym: comfortless, discomforting, painful

(1) an **uncomfortable** silence, (2) with an **uncomfortable**
face

His abusive words made me **uncomfortable**.

distinguished

adj. (used of persons or their work) standing above others in quality, attainment, or reputation

synonym : famous, outstanding, eminent

(1) a **distinguished** ancestry, (2) **distinguished** war services

The new CEO has a **distinguished** career

assembly

n. a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country

synonym : crowd, gathering, mass

(1) **assembly** line, (2) **assembly** hall

This company's **assembly** plant is an enormous facility.

scratch

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

synonym : claw, rub, scrape

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

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

identical

adj. being the exact same one

synonym : duplicate, exact, analogous

(1) pair of **identical** twins, (2) an **identical** equation

Infant formulas are nutritionally almost **identical** to a mother's breast milk.

surreal

adj. strange and unreal; having an oddly dreamlike quality

synonym : dreamlike, fantastical, unreal

(1) **surreal** number, (2) **surreal** art

The dreamlike quality of the painting gave it a **surreal** feel.

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**.

practically

adv. almost or nearly

synonym: almost, nearly, virtually

(1) **practically** constant, (2) **practically** impossible to find a parking spot

The store is **practically** empty.

origin

n. the first existence or beginning of something

synonym: root, source, ancestor

(1) **origin** of information, (2) racial **origin**

There are various hypotheses concerning the **origin** of life.

synthesize

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

synonym: incorporate, amalgamate

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

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

emergence

n. the process or fact of coming into existence or becoming apparent

synonym: appearance, emergence, rise

(1) **emergence** as a national leader, (2) re- **emergence** of rampant inflation

The **emergence** of a new virus can cause concern for public health.

sunlight

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

synonym: daylight, rays, sunshine

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

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

carbohydrate

n. (also carb) any of a class of organic compounds that includes sugars, starch, and cellulose and are a

principal source of energy in the diet of animals

synonym: sugar, starch, cellulose

(1) complex **carbohydrate**, (2) **carbohydrate** metabolism
Foods high in **carbohydrates** include bread, pasta, and rice.

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.

nucleus

n. the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom

synonym: core, heart, middle

(1) form a **nucleus**, (2) the **nucleus** of a team

DNA is stored in the **nucleus** of a cell.

acid

n. sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials

synonym: sour

(1) an **acid** reaction, (2) good source of essential amino **acids**

During pregnancy, the stomach generates less **acid** than usual.

multitude

n. a large number of things or people

synonym: mass, assembly, hive

(1) great **multitude**, (2) from a **multitude** of sources

This company is faced with a **multitude** of problems.

spectacular

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

synonym: breathtaking, impressive, grand

(1) **spectacular** view, (2) achieve **spectacular** growth
The **spectacular** fireworks display was the highlight of the festival.

construct

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

synonym: build, assemble, create

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

infuse

v. to fill something with a particular quality, feeling, or influence; to imbue

synonym: instill, fill, permeate

(1) **infuse** with spirit, (2) **infuse** life with meaning
She **infused** fresh herbs into the soup for added flavor.

battery

n. a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

synonym: electric cell, array, batch

(1) a dry **battery**, (2) **battery** charging
The engine did not start because the **battery** was flat.

reclaim

v. to take back something previously lost, given, or paid, or ask to have it back

synonym: recoup, regain, retake

(1) **reclaim** a competitive position, (2) **reclaim** land from the sea
You may be entitled to **reclaim** some tax.

toxic

adj. of or relating to or caused by a poison; poisonous

synonym: poisonous, harmful, contaminated

(1) **toxic** molecule, (2) exposure to **toxic** chemicals
This chemical compound is a thousand-fold more **toxic**.

human-made

adj. created or produced by humans; artificial

synonym : artificial, unnatural, manufactured

(1) **human-made** climate change, (2) the worst **human-made** disaster

The bridge is a **human-made** structure and was built to span the river.

lump

n. a small, irregularly shaped mass or piece, typically of a soft substance such as coal, flour, or dough

synonym : mass, clump, ball

(1) **lump** in the throat, (2) single **lump** sum

There is a small **lump** on my neck, and I'm concerned about it.

charcoal

n. a black, porous substance made by burning wood or other organic matter in the absence of air, often used for drawing or cooking

synonym : carbon, soot, black

(1) **charcoal** brown, (2) **charcoal** grill

The artist used **charcoal** drawing to create a realistic portrait of her subject.

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.

delicious

adj. exceptionally pleasing to taste or smell

synonym : appetizing, mouthwatering, delectable

(1) **delicious** breeze, (2) variety of **delicious** foods

We could grill the meat in a **delicious** way.

professional

adj. having or showing the skill appropriate to a particular job; competent or skillful

synonym : skilled, competent, accomplished

(1) **professional** athlete, (2) certified **professional** secretary

He has a **professional** demeanor and always presents himself in a polished manner.

toxicology

n. the study of poisonous substances and their effects on organisms, including humans

(1) molecular **toxicology**, (2) forensic **toxicology**

The **toxicology** report showed that the victim had high levels of poison in their system.

decompose

v. to break down or cause to break down over time into simpler substances or elements

synonym : break down, rot, spoil

(1) **decompose** matter, (2) **decompose** into simpler molecules

After the earthquake, many of the buildings in the city were left in ruins and began to **decompose**.

mixture

n. a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties

synonym : blend, amalgam, concoction

(1) **mixture** of emotions, (2) perfect **mixture**

The paint was a **mixture** of different pigments to achieve the desired color.

refine

v. to make something more pure, polished, cultured, or effective; to improve, perfect, or enhance through a process of purification or development

synonym : purify, process, improve

(1) **refine** oil, (2) **refine** a language

The company is working to **refine** its production process to

be more efficient.

purify

v. to remove harmful substances from something and increase the concentration of it

synonym: refine, filter, clarify

(1) **purify** hydrogen gas, (2) **purify** the blood

The equipment is frequently used to **purify** and distribute drinking water.

convert

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

synonym: alter, remake, transform

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

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

greenhouse

n. a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in

synonym: conservatory

(1) exotic plants in a **greenhouse**, (2) emissions of **greenhouse** gases

The **greenhouse** effect is a phenomenon that happens naturally.

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.

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.

fossil

n. any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

synonym: relic, remnant, antediluvian

(1) burning of **fossil** fuels, (2) a **fossil** leaf

It was the **fossil** of a dinosaur tooth.

synthesis

n. the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements

synonym: combination, integration, compound

(1) **synthesis** of ammonia, (2) protein **synthesis** inhibitor

The chemical **synthesis** of the new drug was a breakthrough in medical research.

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.

dump

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

synonym: throw away, dispose

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

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

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.

sclerotic

adj. referring to the hardening or thickening of a tissue, organ, or other body parts, often due to infection,

disease, or aging

synonym : hardened, rigid, stiff

(1) **sclerotic** lesion, (2) **sclerotic** plaques

The **sclerotic** arteries in his legs made it difficult for him to walk long distances.

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.

lymphoma

n. a type of cancer that affects the body's lymphatic system, which is responsible for fighting infection and disease

synonym : lymphatic cancer, lymphoid tumor, lymph node cancer

(1) non-hodgkin **lymphoma**, (2) childhood **lymphoma**

My aunt was diagnosed with **lymphoma** and is undergoing chemotherapy.

interfere

v. to get involved in and prevent a process or activity from continuing

synonym : interpose, interrupt, hamper

(1) **interfere** in another country's affairs, (2) **interfere** with DNA synthesis

Your talking **interferes** with my work.

disease

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

synonym : illness, ailment, affliction

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

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

snug

adj. comfortably warm and cozy; fitting tightly and comfortably; compact and efficient in design

synonym : cozy, comfortable, kempt

(1) **snug** blanket, (2) **snug** little house

The baby was fast asleep in his **snug** cot, swaddled in soft, warm blankets.

vancomycin

n. a powerful antibiotic used to treat bacterial infections that are resistant to other treatments

(1) **vancomycin** resistance, (2) **vancomycin** dosing

The patient was treated with intravenous **vancomycin** for bacterial infection.

majestic

adj. impressive or grand in appearance, size, or manner; stately

synonym : grand, stately, regal

(1) a **majestic** figure, (2) a **majestic** sense of purpose

The **majestic** mountain range was a sight to behold.

chlorine

n. a chemical element with the symbol Cl and atomic number 17, a greenish-yellow gas that is highly reactive and used in a variety of applications, including as a bleach and disinfectant

synonym : element, greenish-yellow gas, bleach

(1) **chlorine** gas, (2) **chlorine** tablet

Some people are sensitive to the smell of **chlorine** and experience headaches or respiratory irritation.

puddle

n. a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance

synonym : pool, pond, small lake

(1) **puddle** of water, (2) step in a **puddle**

The rain had formed a large **puddle** on the sidewalk.

mud

n. a soft, wet, sticky earth or clay

synonym : muck, sludge, ooze

(1) **mud** wall, (2) **mud** volcano

The **mud** of the swamp made it difficult to walk through the field.

jungle

n. an area of tropical forest where in which trees and plants grow very thickly

synonym: wilderness, forest

(1) middle of the **jungle**, (2) **jungle** exploration

This village is still in a dense **jungle**.

bacteria

n. single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease

synonym: microorganism, microbe

(1) pathogenic **bacteria**, (2) harmless **bacteria**

Bacteria prevalent in hospitals are often resistant to antibiotics.

efficiently

adv. in a way that produces maximum output with minimum effort or expense

synonym: expeditiously, skillfully, ably

(1) **efficiently** combined, (2) develop software more **efficiently**

We can resolve support requests quickly and **efficiently** by utilization of AI.

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**.

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.

harvest

n. yields of plants in a single growing season; the period of the year when gathering occurs on a farm

synonym: crop, reaping, yield

(1) a scanty **harvest**, (2) reap a **harvest**

During **harvest**, farmers are incredibly busy.

antibiotic

n. a substance or drug that kills or slows down the growth of bacteria

synonym: antimicrobial, chemotherapeutic, germicide

(1) **antibiotic** resistance, (2) **antibiotic** allergy

He has been prescribed an **antibiotic** to treat his infection.

infection

n. a condition in which pathogenic microorganisms or viruses have entered the body

synonym: contagion, disease, transmission

(1) a bacterial **infection**, (2) treat the **infection** with antibiotics

Hospitals must meet various standards to prevent nosocomial **infections**.

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.

knight

n. a mounted soldier in the past, typically one of noble birth trained to fight in armor; (today in Great Britain) a person honored by the sovereign for personal merit

synonym: noble, cavalier, chevalier

(1) the black **knight**, (2) white **knight**

In medieval Europe, a monarch or feudal lord granted the title

of the **knight** to a warrior who had demonstrated skill and bravery in battle.

courage

n. the ability to face danger, difficulty, uncertainty, or pain without being overcome by fear or despair; the quality of being brave or courageous

synonym : bravery, valor, fearlessness

(1) mental **courage**, (2) inspire **courage**

It takes a lot of **courage** to stand up for what you believe is right.

composure

n. the state of being calm, collected, and in control of one's emotions and actions, especially in difficult or stressful situations

synonym : calmness, poise, self-control

(1) regain my **composure**, (2) lack of **composure**

The actress maintained her **composure** even when faced with harsh criticism.

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.

blacksmith

n. a smith who forges and shapes iron with a hammer and anvil

(1) **blacksmith** welding, (2) **blacksmith** shop

The **blacksmith** shaped a horseshoe on his anvil.

solvent

adj. capable of dissolving other substances; having sufficient money to pay all outstanding debts; (noun) a liquid substance capable of dissolving other substances

synonym : (noun) solution, (noun) dissolver

(1) a **solvent** liquid, (2) chemical **solvents**

The company was able to remain **solvent** throughout the economic downturn.

flavor

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

synonym: taste, savor, essence

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

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

fabric

n. cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.

synonym: cloth, material, goods

(1) a hand-loomed **fabric**, (2) **fabric** of creation

These synthetic **fabrics** are used in military vests because of their excellent abrasion resistance.

cushion

n. a soft, padded object that is used to make a hard surface more comfortable or to protect an object from damage

synonym: pad, pillow, bolster

(1) **cushion** against inflation, (2) rear seat **cushions**

He placed a **cushion** on the floor for his dog to lie on.

manufacture

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

synonym: create, fabricate, assemble

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

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

phosphorus

n. a chemical element with the symbol P and atomic number 15 that is a non-metallic, highly reactive, and luminescent element

synonym: P, phosphoric, phosphorous

(1) **phosphorus** element, (2) yellow **phosphorus**

Phosphorus compounds are commonly used to manufacture fertilizers to promote plant growth.

sulfur

n. (also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications

(1) **sulfur** dioxide, (2) **sulfur** mine

The **sulfur** emissions from the nearby factory caused the rotten egg smell.

symmetry

n. balance or proportion in design or structure, with elements arranged evenly on either side of an axis

synonym: balance, proportion, harmoniousness

(1) bilateral **symmetry**, (2) axial **symmetry**

The building had a **symmetry** pattern that was pleasing to the eye.

mechanism

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

synonym: means, method, system

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

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

undergraduate

n. a student who is studying for their first degree at a university or other higher education institution

synonym: college student, freshman

(1) engineering **undergraduate**, (2) **undergraduate** course

The class was composed of both **undergraduate** and graduate students.

graphics

n. images, designs, or drawings used in websites, books, magazines, etc.

synonym: drawings, illustrations, pictures

(1) computer **graphics**, (2) **graphics** engine

My dream is to become a great **graphics** designer like her.

demonstrate

v. to display something or give an exhibition to an interested audience

synonym: show, illustrate, display

(1) **demonstrate** a difference, (2) **demonstrate** mastery

How can you **demonstrate** that the earth is a sphere?

intricate

adj. having many different parts and small details that all work together

synonym: complicated, convoluted, complex

(1) **intricate** details, (2) **intricate** lacework

The politician managed to deal with that **intricate** issue.

core

n. the most essential or fundamental part of something

synonym: center, basis, heart

(1) the **core** of an apple, (2) **core** business activity

These gas nebulas are merely newborn galactic **cores**.

Session 2: Spelling

1. protein sy_____is inhibitor *n.* the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements
2. fa__y a cup of coffee *v.* to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy
3. pattern st___h *n.* one of the tiny thread lines visible on a piece of fabric after it has been sewn
4. un_____al life *adj.* existing or affecting everywhere or everyone
5. a com_____ed process *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
6. mat_____cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
7. co_____t fat into energy *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
8. rear seat cu_____ns *n.* a soft, padded object that is used to make a hard surface more comfortable or to protect an object from damage
9. in_____re with DNA synthesis *v.* to get involved in and prevent a process or activity from continuing
10. ty_____l leader *adj.* having the usual characteristics or traits of a specific group of things

ANSWERS: 1. synthesis, 2. fancy, 3. stitch, 4. universal, 5. complicated, 6. mathematics, 7. convert, 8. cushion, 9. interfere, 10. typical

20. fl___r enhancer *n.* the taste sensation produced by a substance in the mouth
21. as_____ly hall *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
22. pu___y the blood *v.* to remove harmful substances from something and increase the concentration of it
23. attentive pu__l *n.* the black circular opening in the center of the iris of the eye, through which light enters the eye; a student in school or university
24. childhood ly_____ma *n.* a type of cancer that affects the body's lymphatic system, which is responsible for fighting infection and disease
25. de_____se matter *v.* to break down or cause to break down over time into simpler substances or elements
26. spontaneous com_____on *n.* the act or process of burning something
27. flour made from gr__n *n.* wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance
28. 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
29. ma_____ic field *adj.* having the properties of attracting or repelling certain materials containing iron or steel

ANSWERS: 20. flavor, 21. assembly, 22. purify, 23. pupil, 24. lymphoma, 25. decompose, 26. combustion, 27. grain, 28. symptom, 29. magnetic

41. sop_____ted look *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
42. an air-cooled en___e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
43. literature of pe_____nt value *adj.* lasting for a long time without essential change
44. an unc_____ble silence *adj.* providing or feeling physical discomfort or slight pain
45. re_____m a competitive position *v.* to take back something previously lost, given, or paid, or ask to have it back
46. th_____en a healthy relationship *v.* to utter intentions of injury or punishment against someone
47. 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
48. dem_____te mastery *v.* to display something or give an exhibition to an interested audience
49. 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
50. in___e with spirit *v.* to fill something with a particular quality, feeling, or influence; to imbue
51. racial or___n *n.* the first existence or beginning of something
52. heavy ni_____en *n.* a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins

ANSWERS: 41. sophisticated, 42. engine, 43. permanent, 44. uncomfortable, 45. reclaim, 46. threaten, 47. mess, 48. demonstrate, 49. organic, 50. infuse, 51. origin, 52. nitrogen

53. reduce me_____e emissions *n.* a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
54. hy_____en gas *n.* the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water
55. r_d the body of waste products *v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person
56. so__d ally *adj.* hard or firm; characterized by good substantial quality
57. h__k sound *n.* a loud, harsh sound made by a vehicle's horn to signal a warning or attract attention
58. synthetic mo_____ne *n.* a powerful narcotic drug used to relieve pain and induce sleep
59. eff_____ly combined *adv.* in a way that produces maximum output with minimum effort or expense
60. sy_____ic fertilizer *adj.* made by combining chemical substances as opposed to being naturally occurring
61. an ar_____ic photograph *adj.* of or relating to art or artist; satisfying aesthetic standards and sensibilities
62. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
63. consult a de_____t *n.* a person who is qualified and licensed to treat people's teeth

ANSWERS: 53. methane, 54. hydrogen, 55. rid, 56. solid, 57. honk, 58. morphine, 59. efficiently, 60. synthetic, 61. artistic, 62. represent, 63. dentist

64. a ma____ic figure *adj.* impressive or grand in appearance, size, or manner; stately
65. fuel in_____on *n.* the act of introducing a liquid, especially a drug, into the body using a needle and a syringe
66. 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
67. ine_____le excuse *adj.* impossible to excuse or justify; reprehensible or unforgivable
68. exposure to to__c chemicals *adj.* of or relating to or caused by a poison; poisonous
69. ca___e hide *n.* cows, bulls, and buffalos that are raised for their milk or meat as farm animals
70. ar_____e the meeting *v.* to plan, prepare for, and carry out something
71. gr_____cs engine *n.* images, designs, or drawings used in websites, books, magazines, etc.
72. pr___d class *n.* (an abbreviation for "pre-medical") a course of study or preparation undertaken by students planning to enter medical school or pursue a career in medicine
73. d__p the gravel on the road *v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly
74. re_____t a nuclear reactor *v.* to start something again, especially after a pause or interruption

ANSWERS: 64. majestic, 65. injection, 66. atom, 67. inexcusable, 68. toxic, 69. cattle, 70. arrange, 71. graphics, 72. premed, 73. dump, 74. restart

84. pr___n decay *n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
85. a dry ba____y *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
86. fl__d advisory *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
87. fa___c of creation *n.* cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.
88. str_____al analyses *adj.* associated with the way on construction or organization of anything
89. lack of ox___n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
90. per_____on of a stimulus *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
91. nu_____r fusion *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
92. bilateral sy_____ry *n.* balance or proportion in design or structure, with elements arranged evenly on either side of an axis

ANSWERS: 84. proton, 85. battery, 86. flood, 87. fabric, 88. structural, 89. oxygen, 90. perception, 91. nuclear, 92. symmetry

93. compound the ing_____nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
94. mo_____ne addiction *n.* a powerful narcotic drug used to relieve pain and induce sleep
95. ba_____ne of society *n.* the spinal column of a vertebrate; a symbolic representation of strength and resilience
96. re_____e CO₂ into the air *v.* to set free or allow to escape from confinement
97. single l__p sum *n.* a small, irregularly shaped mass or piece, typically of a soft substance such as coal, flour, or dough
98. vet_____ian clinic *n.* (formal for a vet) a medical professional who specializes in the care and treatment of animals, especially those that are domesticated or kept as pets
99. emissions of gre_____se gases *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
100. use of nu_____r power *adj.* of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy
101. co_____t base 10 to base 16 *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
102. s__d dunes *n.* finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action

ANSWERS: 93. ingredient, 94. morphine, 95. backbone, 96. release, 97. lump, 98. veterinarian, 99. greenhouse, 100. nuclear, 101. convert, 102. sand

103. vi_____n deficiency *n.* any of a group of organic compounds that are essential in small quantities to the diet and are present in natural foodstuffs or sometimes produced within the body
104. di_____e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
105. an imp_____ve array of facts *adj.* arousing admiration due to size, quality, or skill
106. al_____ic to pollen *adj.* having or caused by an allergy
107. id_____ty as an individual *n.* the fact of being who or what somebody or something is; the features, emotions, or ideas that distinguish persons from one another
108. diagnosis of an_____y disorder *n.* a feeling of worry, nervousness, or unease about something that is happening or might happen in the future
109. de_____us breeze *adj.* exceptionally pleasing to taste or smell
110. heavy ma_____ry *n.* a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something
111. pu___e of water *n.* a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance
112. ba_____y charging *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

ANSWERS: 103. vitamin, 104. disease, 105. impressive, 106. allergic, 107. identity, 108. anxiety, 109. delicious, 110. machinery, 111. puddle, 112. battery

113. g__b an opportunity *v.* to take hold of something or someone suddenly with a hand, especially in a violent way
114. sc_____ic plaques *adj.* referring to the hardening or thickening of a tissue, organ, or other body parts, often due to infection, disease, or aging
115. ov_____lm opponents by numbers *v.* to defeat someone or something by using a great deal of force; to have a strong emotional effect on somebody
116. di___e the bronchial tubes *v.* to make something wider, larger, or more open
117. syn_____ze molecules *v.* to combine a substance to make a more complex product or compound
118. sc_____h my signature *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
119. hyd_____on molecules in crude oil *n.* an organic compound consisting entirely of hydrogen and carbon
120. pro_____nal athlete *adj.* having or showing the skill appropriate to a particular job; competent or skillful
121. ba_____ne curve *n.* the spinal column of a vertebrate; a symbolic representation of strength and resilience
122. f__e their homes *v.* to leave by running away, especially out of fear or danger
123. great mu_____de *n.* a large number of things or people
124. a gr_____ng campaign *adj.* extremely tiring or demanding great effort, especially with long duration or intensity

ANSWERS: 113. grab, 114. sclerotic, 115. overwhelm, 116. dilate, 117. synthesize, 118. scratch, 119. hydrocarbon, 120. professional, 121. backbone, 122. flee, 123. multitude, 124. grueling

125. a ch____al compound *adj.* relating to or connected with chemistry;
126. ne____n acceleration *n.* a subatomic particle with no electric charge that is present in all atomic nuclei except those of ordinary hydrogen
127. ig____on switch *n.* the act of starting a fire, engine, or other device; the beginning or starting point of a process or event
128. heavy hy____en *n.* the chemical element that is the lightest gas is colorless, odorless, tasteless, and combines with oxygen to form water
129. liquefied pe____um gas *n.* a flammable liquid consisting of a complex mixture of hydrocarbons that occurs naturally in certain rock formations and can also be refined to produce fuels such as gasoline, diesel, and jet fuel
130. cr____ve writing *adj.* relating to or involving the use of skill and original and unusual ideas to create something
131. virtual ha____ke *n.* a greeting or form of introduction in which two people grasp each other's hands and briefly grip and shake them; (of computer science) a process by which two devices or software applications establish a connection and exchange information to ensure that they can communicate effectively
132. the worst hum____de disaster *adj.* created or produced by humans; artificial

ANSWERS: 125. chemical, 126. neutron, 127. ignition, 128. hydrogen, 129. petroleum, 130. creative, 131. handshake, 132. human-made

133. he was ov_____lmed with gratitude *v.* to defeat someone or something by using a great deal of force; to have a strong emotional effect on somebody
134. ba_____ue grill *n.* a cooking method or apparatus that uses open flames or heated coals to grill or smoke meat, fish, or vegetables; a social gathering or meal characterized by outdoor grilling or barbecuing of food
135. toxic ch_____als *adj.* relating to or connected with chemistry;
136. a de_____t's office *n.* a person who is qualified and licensed to treat people's teeth
137. g__p of fear *n.* the act of holding onto something firmly with your hands, or the ability to do so; (verb) to hold fast or firmly
138. sc_____h off a name *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
139. re_____e a phone *v.* to take the place of something
140. sales rep_____ion *n.* the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting
141. keen per_____on *n.* a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses
142. ni_____en absorption *n.* a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins

ANSWERS: 133. overwhelm, 134. barbecue, 135. chemical, 136. dentist, 137. grip, 138. scratch, 139. replace, 140. representation, 141. perception, 142. nitrogen

143. 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
144. muscular st____th *n.* the quality or state of being physically, or sometimes mentally, strong
145. hi_____ht a string in red *v.* to make something prominent, mainly so that people give it more attention
146. s__g blanket *adj.* comfortably warm and cozy; fitting tightly and comfortably; compact and efficient in design
147. di_____ve the sugar *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
148. pe_____ve a threat *v.* to become aware or conscious of something through the senses
149. economic mi_____e *n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God
150. forensic tox_____gy *n.* the study of poisonous substances and their effects on organisms, including humans
151. ine_____le delay *adj.* impossible to excuse or justify; reprehensible or unforgivable
152. ant_____ic resistance *n.* a substance or drug that kills or slows down the growth of bacteria
153. h__k for attention *n.* a loud, harsh sound made by a vehicle's horn to signal a warning or attract attention

ANSWERS: 143. mass, 144. strength, 145. highlight, 146. snug, 147. dissolve, 148. perceive, 149. miracle, 150. toxicology, 151. inexcusable, 152. antibiotic, 153. honk

154. re___e oil *v.* to make something more pure, polished, cultured, or effective; to improve, perfect, or enhance through a process of purification or development
155. axial sy____ry *n.* balance or proportion in design or structure, with elements arranged evenly on either side of an axis
156. become increasingly com_____ed *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
157. dem_____te a difference *v.* to display something or give an exhibition to an interested audience
158. pra_____ly constant *adv.* almost or nearly
159. str_____al reorganization *adj.* associated with the way on construction or organization of anything
160. ca___n emission *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
161. syn_____ze information *v.* to combine a substance to make a more complex product or compound
162. white kn___t *n.* a mounted soldier in the past, typically one of noble birth trained to fight in armor; (today in Great Britain) a person honored by the sovereign for personal merit
163. certified pro_____nal secretary *adj.* having or showing the skill appropriate to a particular job; competent or skillful
164. a fl__d of questions *n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount

ANSWERS: 154. refine, 155. symmetry, 156. complicated, 157. demonstrate, 158. practically, 159. structural, 160. carbon, 161. synthesize, 162. knight, 163. professional, 164. flood

165. fl_____le atmosphere *adj.* able to burn easily
166. 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
167. a ma_____ic sense of purpose *adj.* impressive or grand in appearance, size, or manner; stately
168. mi_____e of emotions *n.* a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties
169. tr_____h of democracy *n.* a great victory or achievement
170. a steam en_____e *n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
171. pu_____y hydrogen gas *v.* to remove harmful substances from something and increase the concentration of it
172. an_____s about his health *adj.* worried and nervous
173. with an unc_____ble face *adj.* providing or feeling physical discomfort or slight pain
174. love tr_____le *n.* a three-sided polygon with three angles; something that has three sides or parts
175. st_____th of the economy *n.* the quality or state of being physically, or sometimes mentally, strong
176. dis_____hed war services *adj.* (used of persons or their work) standing above others in quality, attainment, or reputation

ANSWERS: 165. flammable, 166. organic, 167. majestic, 168. mixture, 169. triumph, 170. engine, 171. purify, 172. anxious, 173. uncomfortable, 174. triangle, 175. strength, 176. distinguished

177. m_d volcano *n.* a soft, wet, sticky earth or clay
178. silver ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element
179. 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
180. the advice of the ph_____an *n.* a medical doctor who practices medicine
181. lose my g__p *n.* the act of holding onto something firmly with your hands, or the ability to do so; (verb) to hold fast or firmly
182. re_____m land from the sea *v.* to take back something previously lost, given, or paid, or ask to have it back
183. ant_____ic allergy *n.* a substance or drug that kills or slows down the growth of bacteria
184. th_____en national security *v.* to utter intentions of injury or punishment against someone
185. one qui_____on dollars *n.* a cardinal number representing one thousand raised to the power of six (the number one followed by 18 zeros, 1,000,000,000,000,000,000)
186. pa_____le energy *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
187. chemical so_____ts *adj.* capable of dissolving other substances; having sufficient money to pay all outstanding debts; (noun) a liquid substance capable of dissolving other substances

ANSWERS: 177. mud, 178. oxide, 179. cancer, 180. physician, 181. grip, 182. reclaim, 183. antibiotic, 184. threaten, 185. quintillion, 186. particle, 187. solvent

188. as_____ly line *n.* a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
189. mic_____pe slide *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
190. rich in vi_____n D *n.* any of a group of organic compounds that are essential in small quantities to the diet and are present in natural foodstuffs or sometimes produced within the body
191. 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
192. g__b an audience *v.* to take hold of something or someone suddenly with a hand, especially in a violent way
193. officially di_____ved the marriage *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
194. effects of cl_____e change *n.* the weather in a particular location averaged over some long period
195. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
196. biomass f__l *n.* a substance that is typically burned to generate heat or energy

ANSWERS: 188. assembly, 189. microscope, 190. vitamin, 191. atom, 192. grab, 193. dissolve, 194. climate, 195. structure, 196. fuel

197. ha_____ke protocol *n.* a greeting or form of introduction in which two people grasp each other's hands and briefly grip and shake them; (of computer science) a process by which two devices or software applications establish a connection and exchange information to ensure that they can communicate effectively
198. begin to r_t *v.* to decay, or cause something to decay, naturally and gradually
199. combined ox__e *n.* a chemical compound that contains at least one oxygen atom and one other element
200. professor of ch_____ry *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
201. vi_____ze flying through space *v.* to form a mental image or concept of something; to make something visible
202. al_____ic children *adj.* having or caused by an allergy
203. perfect mi_____e *n.* a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties
204. 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

ANSWERS: 197. handshake, 198. rot, 199. oxide, 200. chemistry, 201. visualize, 202. allergic, 203. mixture, 204. mass

205. re_____ce frequency *n.* a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things
206. re_____e a prisoner *v.* to set free or allow to escape from confinement
207. pe_____nt life insurance *adj.* lasting for a long time without essential change
208. 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
209. a sop_____ted lifestyle *adj.* having a great deal of worldly experience and knowledge of people's behavior, culture, and fashion
210. as_____le a jigsaw puzzle *v.* to collect in one place as a single group
211. the antiparticle of a ne_____n *n.* a subatomic particle with no electric charge that is present in all atomic nuclei except those of ordinary hydrogen
212. barren of cr_____ve spirit *adj.* relating to or involving the use of skill and original and unusual ideas to create something
213. regain my co_____re *n.* the state of being calm, collected, and in control of one's emotions and actions, especially in difficult or stressful situations

ANSWERS: 205. resonance, 206. release, 207. permanent, 208. extract, 209. sophisticated, 210. assemble, 211. neutron, 212. creative, 213. composure

214. me_____al chemistry *adj.* of or relating to the treatment or cure of disease
215. beam of el_____ons *n.* a tiny particle with the negative electrical charge
216. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
217. a flight of fa__y *v.* to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy
218. co_____ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole
219. co_____ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole
220. a_e in the hole *n.* a playing card with a single symbol or mark that is typically the highest in value or rank in a particular card game; a person who is very skilled or successful in a specific activity or field
221. fr__k and open discussion *adj.* honest and sincere; open and candid in expression
222. bla_____th welding *n.* a smith who forges and shapes iron with a hammer and anvil
223. a st___h in a garment *n.* one of the tiny thread lines visible on a piece of fabric after it has been sewn
224. molecular tox_____gy *n.* the study of poisonous substances and their effects on organisms, including humans

ANSWERS: 214. medicinal, 215. electron, 216. lab, 217. fancy, 218. construct, 219. construct, 220. ace, 221. frank, 222. blacksmith, 223. stitch, 224. toxicology

225. charged pa____le *n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
226. sh____k the tumor *v.* to become smaller, or to make something smaller in size or amount
227. em____ce as a national leader *n.* the process or fact of coming into existence or becoming apparent
228. a ma____ic tape *adj.* having the properties of attracting or repelling certain materials containing iron or steel
229. bla____th shop *n.* a smith who forges and shapes iron with a hammer and anvil
230. int____ion education *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
231. the hydrogen binds the ox____n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
232. form a nu____s *n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom
233. a hand-loomed fa____c *n.* cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.

ANSWERS: 225. particle, 226. shrink, 227. emergence, 228. magnetic, 229. blacksmith, 230. introduction, 231. oxygen, 232. nucleus, 233. fabric

234. mi_____e person *n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God
235. su____t selection *n.* a set of things that are contained within another larger set; a portion or division of a group or category
236. ch_____ne tablet *n.* a chemical element with the symbol Cl and atomic number 17, a greenish-yellow gas that is highly reactive and used in a variety of applications, including as a bleach and disinfectant
237. tr_____le shape *n.* a three-sided polygon with three angles; something that has three sides or parts
238. non-hodgkin ly_____ma *n.* a type of cancer that affects the body's lymphatic system, which is responsible for fighting infection and disease
239. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
240. internal com_____on engine *n.* the act or process of burning something
241. at____c nucleus *adj.* of or relating to atom (= the smallest component of an element)
242. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
243. a gr__n of sand *n.* wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance

ANSWERS: 234. miracle, 235. subset, 236. chlorine, 237. triangle, 238. lymphoma, 239. medical, 240. combustion, 241. atomic, 242. amazing, 243. grain

244. harmless ba____ia *n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
245. an an____s look *adj.* worried and nervous
246. ju____e exploration *n.* an area of tropical forest where in which trees and plants grow very thickly
247. a cr__l and unusual punishment *adj.* feeling or showing pleasure in causing pain or suffering to others
248. cultural and ar____ic activity *adj.* of or relating to art or artist; satisfying aesthetic standards and sensibilities
249. ch____al grill *n.* a black, porous substance made by burning wood or other organic matter in the absence of air, often used for drawing or cooking
250. sy____ic fiber *adj.* made by combining chemical substances as opposed to being naturally occurring
251. g__m amount *n.* a metric unit of weight equal to one-thousandth of a kilogram
252. cu____n against inflation *n.* a soft, padded object that is used to make a hard surface more comfortable or to protect an object from damage
253. a cold cl____e *n.* the weather in a particular location averaged over some long period
254. ig____on system *n.* the act of starting a fire, engine, or other device; the beginning or starting point of a process or event

ANSWERS: 244. bacteria, 245. anxious, 246. jungle, 247. cruel, 248. artistic, 249. charcoal, 250. synthetic, 251. gram, 252. cushion, 253. climate, 254. ignition

255. mistaken id____ty *n.* the fact of being who or what somebody or something is; the features, emotions, or ideas that distinguish persons from one another
256. the ch_____ry of soil *n.* the branch of the natural sciences dealing with the composition of substances and their properties and reactions
257. good source of essential amino a__ds *n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
258. make a fr__k apology *adj.* honest and sincere; open and candid in expression
259. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
260. inactive ma_____ry *n.* a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something
261. a mammary gl__d *n.* a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream
262. smokeless f__l *n.* a substance that is typically burned to generate heat or energy
263. expansion of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

ANSWERS: 255. identity, 256. chemistry, 257. acid, 258. frank, 259. amazing, 260. machinery, 261. gland, 262. fuel, 263. universe

264. su____l art *adj.* strange and unreal; having an oddly dreamlike quality
265. sp___e of influence *n.* a round object or geometric shape that is three-dimensional and symmetrical around a central point; a particular aspect or scope of life or activity
266. sc_____ic lesion *adj.* referring to the hardening or thickening of a tissue, organ, or other body parts, often due to infection, disease, or aging
267. de__h camera *n.* the distance between the top and bottom of something; between the top surface and a distance below it
268. 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
269. the me_____sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
270. in direct su_____ht *n.* the light emitted by the sun; the rays of the sun
271. ch_____al brown *n.* a black, porous substance made by burning wood or other organic matter in the absence of air, often used for drawing or cooking
272. re_____e one word with another *v.* to take the place of something
273. pe_____ve light *v.* to become aware or conscious of something through the senses
274. in___e life with meaning *v.* to fill something with a particular quality, feeling, or influence; to imbue

ANSWERS: 264. surreal, 265. sphere, 266. sclerotic, 267. depth, 268. mess, 269. mechanism, 270. sunlight, 271. charcoal, 272. replace, 273. perceive, 274. infuse

275. ad____l cortex *adj.* relating to two glands situated above the kidneys, called the adrenal gland
276. exotic plants in a gre_____se *n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
277. save the pl____t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
278. treat the in_____on with antibiotics *n.* a condition in which pathogenic microorganisms or viruses have entered the body
279. proper su____t *n.* a set of things that are contained within another larger set; a portion or division of a group or category
280. 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
281. re_____t a game *v.* to start something again, especially after a pause or interruption
282. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
283. 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
284. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute

ANSWERS: 275. adrenal, 276. greenhouse, 277. planet, 278. infection, 279. subset, 280. compound, 281. restart, 282. molecule, 283. ammonia, 284. represent

285. yellow pho_____us *n.* a chemical element with the symbol P and atomic number 15 that is a non-metallic, highly reactive, and luminescent element
286. mental co_____e *n.* the ability to face danger, difficulty, uncertainty, or pain without being overcome by fear or despair; the quality of being brave or courageous
287. secret ing_____nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
288. harmonic re_____ce *n.* a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things
289. principles of un_____al design *adj.* existing or affecting everywhere or everyone
290. l__p in the throat *n.* a small, irregularly shaped mass or piece, typically of a soft substance such as coal, flour, or dough
291. 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
292. s__g little house *adj.* comfortably warm and cozy; fitting tightly and comfortably; compact and efficient in design

ANSWERS: 285. phosphorus, 286. courage, 287. ingredient, 288. resonance, 289. universal, 290. lump, 291. extract, 292. snug

293. su____l number *adj.* strange and unreal; having an oddly dreamlike quality
294. ca___n dioxide *n.* a chemical element that can be found in pure form as diamond or graphite, and it is also an essential part of coal and oil and is found in all plants and animals
295. engineering und_____ate *n.* a student who is studying for their first degree at a university or other higher education institution
296. b__d as a family *n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
297. a scanty ha____t *n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
298. crude pe_____um *n.* a flammable liquid consisting of a complex mixture of hydrocarbons that occurs naturally in certain rock formations and can also be refined to produce fuels such as gasoline, diesel, and jet fuel
299. 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
300. sy_____is of ammonia *n.* the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements

ANSWERS: 293. surreal, 294. carbon, 295. undergraduate, 296. bond, 297. harvest, 298. petroleum, 299. protein, 300. synthesis

301. a good grounding in mat_____cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
302. traditional me_____al *adj.* of or relating to the treatment or cure of disease
303. in_____re in another country's affairs *v.* to get involved in and prevent a process or activity from continuing
304. defense me_____sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
305. s__d castle *n.* finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action
306. burning of fo____l fuels *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
307. temporary me_____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
308. in_____te a preference *v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
309. su____r dioxide *n.* (also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications

ANSWERS: 301. mathematics, 302. medicinal, 303. interfere, 304. mechanism, 305. sand, 306. fossil, 307. medical, 308. indicate, 309. sulfur

310. pra_____ly impossible to find a parking spot *adv.* almost or nearly
311. atmospheric me_____e *n.* a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
312. ad_____l gland *adj.* relating to two glands situated above the kidneys, called the adrenal gland
313. 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
314. arr_____nt of the furniture *n.* a plan or preparation for the future event; the action or process of placing things in a particular order
315. theory of the un_____se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
316. in_____te an error *v.* to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly
317. w__d management *n.* a wild plant growing where it is not wanted and in competition with cultivated plants
318. the st_____re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

ANSWERS: 310. practically, 311. methane, 312. adrenal, 313. spectrometer, 314. arrangement, 315. universe, 316. indicate, 317. weed, 318. structure

319. c__e business activity *n.* the most essential or fundamental part of something
320. a bacterial in_____on *n.* a condition in which pathogenic microorganisms or viruses have entered the body
321. small mo_____les *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
322. 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
323. spe_____ar view *adj.* striking or impressive to look at or in performance or achievement
324. get r_d of the rats *v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person
325. fairly ty_____l symptoms *adj.* having the usual characteristics or traits of a specific group of things
326. at____c bomb *adj.* of or relating to atom (= the smallest component of an element)
327. ex_____ge rate *v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

ANSWERS: 319. core, 320. infection, 321. molecule, 322. cancer, 323. spectacular, 324. rid, 325. typical, 326. atomic, 327. exchange

328. imp_____ve performances *adj.* arousing admiration due to size, quality, or skill
329. eq__p our children with some special skills *v.* to provide a person or a place with the things that are needed for a particular purpose or activity
330. a rid_____us suggestion *adj.* very silly or unreasonable and deserving to be laughed at
331. re-em_____ce of rampant inflation *n.* the process or fact of coming into existence or becoming apparent
332. mi_____ll his name *v.* to spell incorrectly or wrongly; to use an incorrect spelling for a word
333. m_d wall *n.* a soft, wet, sticky earth or clay
334. complex car_____ate *n.* (also carb) any of a class of organic compounds that includes sugars, starch, and cellulose and are a principal source of energy in the diet of animals
335. su___r mine *n.* (also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications
336. ch_____ne gas *n.* a chemical element with the symbol Cl and atomic number 17, a greenish-yellow gas that is highly reactive and used in a variety of applications, including as a bleach and disinfectant
337. as_____le your colleagues *v.* to collect in one place as a single group

ANSWERS: 328. impressive, 329. equip, 330. ridiculous, 331. emergence, 332. misspell, 333. mud, 334. carbohydrate, 335. sulfur, 336. chlorine, 337. assemble

338. cr__l joke *adj.* feeling or showing pleasure in causing pain or suffering to others
339. ob____le avoidance *n.* a thing that blocks one's way or prevents or hinders progress
340. experienced vet______ian *n.* (formal for a vet) a medical professional who specializes in the care and treatment of animals, especially those that are domesticated or kept as pets
341. a ha__y-sized bag *adj.* valuable and convenient; easy or ready to reach or use
342. 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
343. elliptic ga____y *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
344. achieve spe____ar growth *adj.* striking or impressive to look at or in performance or achievement
345. trigger a re____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
346. inspire co____e *n.* the ability to face danger, difficulty, uncertainty, or pain without being overcome by fear or despair; the quality of being brave or courageous
347. a delicate fl____r *n.* the taste sensation produced by a substance in the mouth

ANSWERS: 338. cruel, 339. obstacle, 340. veterinarian, 341. handy, 342. ammonia, 343. galaxy, 344. spectacular, 345. reaction, 346. courage, 347. flavor

348. ba____rk price *v.* a place or facility where baseball is played; a rough estimation of something
349. an id_____al equation *adj.* being the exact same one
350. de___e a word *v.* to state or explain precisely the nature, scope, or meaning of something
351. walk ba_____rd *adv.* at, to, or toward the direction or place that is behind or rear
352. pl___t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
353. vi_____e stars *adj.* capable of being seen; or open to easy view
354. van_____in resistance *n.* a powerful antibiotic used to treat bacterial infections that are resistant to other treatments
355. middle of the ju___e *n.* an area of tropical forest where in which trees and plants grow very thickly
356. a so_____t liquid *adj.* capable of dissolving other substances; having sufficient money to pay all outstanding debts; (noun) a liquid substance capable of dissolving other substances
357. hi_____ht an important difference *v.* to make something prominent, mainly so that people give it more attention
358. tr_____h of the spirit *n.* a great victory or achievement
359. di_____e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

ANSWERS: 348. ballpark, 349. identical, 350. define, 351. backward, 352. planet, 353. visible, 354. vancomycin, 355. jungle, 356. solvent, 357. highlight, 358. triumph, 359. disease

360. a dis_____hed ancestry *adj.* (used of persons or their work) standing above others in quality, attainment, or reputation
361. pair of id_____al twins *adj.* being the exact same one
362. tennis a_e *n.* a playing card with a single symbol or mark that is typically the highest in value or rank in a particular card game; a person who is very skilled or successful in a specific activity or field
363. gr_____ng process *adj.* extremely tiring or demanding great effort, especially with long duration or intensity
364. a rid_____us amount of money *adj.* very silly or unreasonable and deserving to be laughed at
365. 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
366. the black kn____t *n.* a mounted soldier in the past, typically one of noble birth trained to fight in armor; (today in Great Britain) a person honored by the sovereign for personal merit
367. ba_____rd angle *adv.* at, to, or toward the direction or place that is behind or rear
368. vi_____e by X-ray *adj.* capable of being seen; or open to easy view
369. so__d employment measures *adj.* hard or firm; characterized by good substantial quality

ANSWERS: 360. distinguished, 361. identical, 362. ace, 363. grueling, 364. ridiculous, 365. compound, 366. knight, 367. backward, 368. visible, 369. solid

370. centimeter-g__m-second system *n.* a metric unit of weight equal to one-thousandth of a kilogram
371. binary rep_____ion *n.* the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting
372. to__c molecule *adj.* of or relating to or caused by a poison; poisonous
373. man_____re an enzyme *v.* to make goods in large numbers, usually in a factory using machines
374. major-league ba_____rk *v.* a place or facility where baseball is played; a rough estimation of something
375. 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
376. develop software more eff_____ly *adv.* in a way that produces maximum output with minimum effort or expense
377. ha__y tool *adj.* valuable and convenient; easy or ready to reach or use
378. hum_____de climate change *adj.* created or produced by humans; artificial
379. ex_____ge a few friendly words *v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

ANSWERS: 370. gram, 371. representation, 372. toxic, 373. manufacture, 374. ballpark, 375. protein, 376. efficiently, 377. handy, 378. human-made, 379. exchange

380. a ga___y of famous actors *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
381. hyd_____on production *n.* an organic compound consisting entirely of hydrogen and carbon
382. de_____se into simpler molecules *v.* to break down or cause to break down over time into simpler substances or elements
383. pho_____us element *n.* a chemical element with the symbol P and atomic number 15 that is a non-metallic, highly reactive, and luminescent element
384. und_____ate course *n.* a student who is studying for their first degree at a university or other higher education institution
385. lack of co_____re *n.* the state of being calm, collected, and in control of one's emotions and actions, especially in difficult or stressful situations
386. the list was ar_____ed alphabetically *v.* to plan, prepare for, and carry out something
387. pull up a w__d *n.* a wild plant growing where it is not wanted and in competition with cultivated plants
388. ba_____ue sauce *n.* a cooking method or apparatus that uses open flames or heated coals to grill or smoke meat, fish, or vegetables; a social gathering or meal characterized by outdoor grilling or barbecuing of food

ANSWERS: 380. galaxy, 381. hydrocarbon, 382. decompose, 383. phosphorus, 384. undergraduate, 385. composure, 386. arrange, 387. weed, 388. barbecue

389. de___e my position *v.* to state or explain precisely the nature, scope, or meaning of something
390. computer gr____cs *n.* images, designs, or drawings used in websites, books, magazines, etc.
391. van_____in dosing *n.* a powerful antibiotic used to treat bacterial infections that are resistant to other treatments
392. mi_____ll words *v.* to spell incorrectly or wrongly; to use an incorrect spelling for a word
393. in_____on needle *n.* the act of introducing a liquid, especially a drug, into the body using a needle and a syringe
394. non-fl_____le fiber *adj.* able to burn easily
395. pr___d coursework *n.* (an abbreviation for "pre-medical") a course of study or preparation undertaken by students planning to enter medical school or pursue a career in medicine
396. sh___k with fear *v.* to become smaller, or to make something smaller in size or amount
397. an a__d reaction *n.* sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
398. self-int_____ion *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market

ANSWERS: 389. define, 390. graphics, 391. vancomycin, 392. misspell, 393. injection, 394. flammable, 395. premed, 396. shrink, 397. acid, 398. introduction

399. electron mic_____pe	<i>n.</i> an instrument used to see objects or substances that are too small to be seen with the naked eye
400. arr_____nt committee	<i>n.</i> a plan or preparation for the future event; the action or process of placing things in a particular order
401. variety of de_____us foods	<i>adj.</i> exceptionally pleasing to taste or smell
402. car_____ate metabolism	<i>n.</i> (also carb) any of a class of organic compounds that includes sugars, starch, and cellulose and are a principal source of energy in the diet of animals
403. or____n of information	<i>n.</i> the first existence or beginning of something
404. man_____re a product	<i>v.</i> to make goods in large numbers, usually in a factory using machines
405. qui_____on stars	<i>n.</i> a cardinal number representing one thousand raised to the power of six (the number one followed by 18 zeros, 1,000,000,000,000,000,000)
406. consult with a ph_____an	<i>n.</i> a medical doctor who practices medicine
407. di____e blood vessel	<i>v.</i> to make something wider, larger, or more open
408. optical spe_____ter	<i>n.</i> 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
409. re____e a language	<i>v.</i> to make something more pure, polished, cultured, or effective; to improve, perfect, or enhance through a process of purification or development

ANSWERS: 399. microscope, 400. arrangement, 401. delicious, 402. carbohydrate, 403. origin, 404. manufacture, 405. quintillion, 406. physician, 407. dilate, 408. spectrometer, 409. refine

410. sy____ms of low testosterone

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

ANSWERS: 410. symptom

Session 3: Fill in the Blanks

1. The store is _____ empty.
adv. almost or nearly
2. The company _____ him after several years of service.
v. to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly
3. Too much variety may _____ and confuse viewers.
v. to defeat someone or something by using a great deal of force; to have a strong emotional effect on somebody
4. Some people are sensitive to the smell of _____ and experience headaches or respiratory irritation.
n. a chemical element with the symbol Cl and atomic number 17, a greenish-yellow gas that is highly reactive and used in a variety of applications, including as a bleach and disinfectant
5. It takes a lot of _____ to stand up for what you believe is right.
n. the ability to face danger, difficulty, uncertainty, or pain without being overcome by fear or despair; the quality of being brave or courageous
6. I want to _____ my sadness into strength.
v. to have a talk with someone; (adjective) reversed in order, relation, or action
7. The data _____ that the company's profits have steadily increased over the past quarter.
v. to show, point out, or make known something, often through a sign or a symbol; to suggest or imply something without stating it directly

ANSWERS: 1. practically, 2. dumped, 3. overwhelm, 4. chlorine, 5. courage, 6. convert, 7. indicates

8. He has a flair for _____.
- n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
9. The _____ effect is a phenomenon that happens naturally.
- n.* a building with walls and roof made chiefly of transparent material, such as glass, for growing plants in
10. His behavior at the meeting was _____ and will not be tolerated.
- adj.* impossible to excuse or justify; reprehensible or unforgivable
11. These heavy rains caused flash _____ on several islands.
- n.* a large amount of water flowing beyond its normal limits; an overwhelming number or amount
12. The passenger grabbed for the _____ mask.
- n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
13. The firm has grown into a large _____ manufacturing.
- adj.* relating to or connected with chemistry;
14. We can calculate the position of the _____ statistically.
- n.* a small piece of something; a word or piece of a term with grammatical function but little or no significance
15. He received an _____ of antibiotics to treat his infection.
- n.* the act of introducing a liquid, especially a drug, into the body using a needle and a syringe

ANSWERS: 8. mathematics, 9. greenhouse, 10. inexcusable, 11. floods, 12. oxygen, 13. chemical, 14. particles, 15. injection

16. The team's _____ in the championship resulted from their hard work and dedication.
n. a great victory or achievement
17. This shirt will _____ in the wash.
v. to become smaller, or to make something smaller in size or amount
18. The ____ of the swamp made it difficult to walk through the field.
n. a soft, wet, sticky earth or clay
19. The pupils of the eyes _____ in low light.
v. to make something wider, larger, or more open
20. During pregnancy, the stomach generates less _____ than usual.
n. sour; water-soluble chemicals with a sour flavor; any of a variety of generally liquid compounds capable of reacting with and occasionally dissolving other materials
21. The political party _____ after much internal fighting.
v. to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
22. Radiation from _____ has a different wavelength.
n. the light emitted by the sun; the rays of the sun
23. The _____ of audit formally issued a business improvement order.
n. a group of large machines or the components of a machine that make it work; social institution functions or structure for doing something

ANSWERS: 16. triumph, 17. shrink, 18. mud, 19. dilate, 20. acid, 21. dissolved, 22. sunlight, 23. machinery

24. My home is easily _____ from the shore.

adj. capable of being seen; or open to easy view

25. Please refrigerate the meat, or it will _____.

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

26. She is searching for a _____ residence.

adj. lasting for a long time without essential change

27. The solar wind is composed almost entirely of electrons and _____.

n. a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms

28. The majority of synthetic vitamins are _____ from oil.

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

29. The doctor ordered tests to check the patient's _____ function.

adj. relating to two glands situated above the kidneys, called the adrenal gland

30. She showed great _____ when standing up for her beliefs in opposition.

n. the spinal column of a vertebrate; a symbolic representation of strength and resilience

31. Infant formulas are nutritionally almost _____ to a mother's breast milk.

adj. being the exact same one

32. 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

ANSWERS: 24. visible, 25. rot, 26. permanent, 27. protons, 28. manufactured, 29. adrenal, 30. backbone, 31. identical, 32. organic

33. The pond's _____ was around five feet.
- n.* the distance between the top and bottom of something; between the top surface and a distance below it
34. The policies he announces can be the _____ of economic growth in the country.
- n.* a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
35. 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
36. He was an ____ at playing poker and often won the game.
- n.* a playing card with a single symbol or mark that is typically the highest in value or rank in a particular card game; a person who is very skilled or successful in a specific activity or field
37. Shall we _____ a bite to eat?
- v.* to take hold of something or someone suddenly with a hand, especially in a violent way
38. Please be careful not to _____ any of the words in your essay.
- v.* to spell incorrectly or wrongly; to use an incorrect spelling for a word
39. The artist used _____ drawing to create a realistic portrait of her subject.
- n.* a black, porous substance made by burning wood or other organic matter in the absence of air, often used for drawing or cooking
40. The equipment is frequently used to _____ and distribute drinking water.
- v.* to remove harmful substances from something and increase the concentration of it

ANSWERS: 33. depth, 34. engine, 35. ammonia, 36. ace, 37. grab, 38. misspell, 39. charcoal, 40. purify

41. The introduction _____ the speaker's distinguished career as a consultant
- v.* to make something prominent, mainly so that people give it more attention
42. Ordinary air purifiers cannot adequately remove pollen _____.
- n.* wheat or any other small hard seeds used as a food; a relatively small granular particle of a substance
43. The _____ fireworks display was the highlight of the festival.
- adj.* striking or impressive to look at or in performance or achievement
44. She _____ fresh herbs into the soup for added flavor.
- v.* to fill something with a particular quality, feeling, or influence; to imbue
45. This village is still in a dense _____.
- n.* an area of tropical forest where in which trees and plants grow very thickly
46. Don't _____ your mosquito bites.
- v.* to cut or damage the surface of something or the skin with a sharp or pointed object
47. There are approximately one _____ insects on the planet at any given time.
- n.* a cardinal number representing one thousand raised to the power of six (the number one followed by 18 zeros, 1,000,000,000,000,000,000)
48. Burning _____ releases water vapor and carbon dioxide.
- n.* an organic compound consisting entirely of hydrogen and carbon

ANSWERS: 41. highlighted, 42. grains, 43. spectacular, 44. infused, 45. jungle, 46. scratch, 47. quintillion, 48. hydrocarbons

49. The bridge is a _____ structure and was built to span the river.
adj. created or produced by humans; artificial
50. The _____ course was challenging but fun.
n. a thing that blocks one's way or prevents or hinders progress
51. The Milky Way _____ has numerous water-bearing planets.
n. an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
52. The ignition of _____ gas in the plant killed five employees.
n. a chemical compound with the chemical formula CH₄ with no smell or color, often used as a fuel
53. There was a chemical _____ of the lime with the groundwater.
n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
54. The baby was fast asleep in his _____ cot, swaddled in soft, warm blankets.
adj. comfortably warm and cozy; fitting tightly and comfortably; compact and efficient in design
55. The outermost _____ shell determines the chemical properties of an atom.
n. a tiny particle with the negative electrical charge
56. 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

ANSWERS: 49. human-made, 50. obstacle, 51. galaxy, 52. methane, 53. reaction, 54. snug, 55. electron, 56. mess

57. As a first _____ we agreed to meet the following Friday.
- n.* a plan or preparation for the future event; the action or process of placing things in a particular order
58. The _____ emissions from the nearby factory caused the rotten egg smell.
- n.* (also sulphur) a chemical element with the symbol S and atomic number 16, found in many minerals and sulfur compounds, often used in the production of fertilizers, rubber, paper, and other industrial applications
59. Your talking _____ with my work.
- v.* to get involved in and prevent a process or activity from continuing
60. _____ C is important for immune system function and skin health.
- n.* any of a group of organic compounds that are essential in small quantities to the diet and are present in natural foodstuffs or sometimes produced within the body
61. The infection triggered a high fever and _____ reactions.
- adj.* having or caused by an allergy
62. The _____ student spent hours studying anatomy and physiology to prepare for medical school.
- n.* (an abbreviation for "pre-medical") a course of study or preparation undertaken by students planning to enter medical school or pursue a career in medicine
63. The building had a _____ pattern that was pleasing to the eye.
- n.* balance or proportion in design or structure, with elements arranged evenly on either side of an axis
64. The dictator was known for his _____ and oppressive regime.
- adj.* feeling or showing pleasure in causing pain or suffering to others

ANSWERS: 57. arrangement, 58. sulfur, 59. interferes, 60. Vitamin, 61. allergic, 62. premed, 63. symmetry, 64. cruel

65. There is a small _____ on my neck, and I'm concerned about it.
- n.* a small, irregularly shaped mass or piece, typically of a soft substance such as coal, flour, or dough
66. The president began to _____ an army.
- v.* to collect in one place as a single group
67. I used an optical _____ to observe the small organisms in the water sample.
- n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
68. The class was composed of both _____ and graduate students.
- n.* a student who is studying for their first degree at a university or other higher education institution
69. All the supervisor has to do is assign tasks that make his subordinates more _____.
- adj.* relating to or involving the use of skill and original and unusual ideas to create something
70. 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
71. _____ gas is used to inflate car tires because it does not react with rubber.
- n.* a chemical element with the symbol N and atomic number 7, which is a highly reactive element that forms part of many compounds, including amino acids and proteins

ANSWERS: 65. lump, 66. assemble, 67. microscope, 68. undergraduate, 69. creative, 70. mass, 71. Nitrogen

72. It was the _____ of a dinosaur tooth.
- n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
73. Various artificially induced causes are _____ our ecosystem.
- v.* to utter intentions of injury or punishment against someone
74. The two business partners sealed the deal with a _____.
- n.* a greeting or form of introduction in which two people grasp each other's hands and briefly grip and shake them; (of computer science) a process by which two devices or software applications establish a connection and exchange information to ensure that they can communicate effectively
75. 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
76. The _____ mountain range was a sight to behold.
- adj.* impressive or grand in appearance, size, or manner; stately
77. Promising entrepreneurs often have a high _____ sensibility.
- adj.* of or relating to art or artist; satisfying aesthetic standards and sensibilities
78. They had formed a friendship _____.
- n.* a close emotional connection between two or more people; a certificate of debt that a government or corporation issues to raise money
79. DNA is stored in the _____ of a cell.
- n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom

ANSWERS: 72. fossil, 73. threatening, 74. handshake, 75. extracting, 76. majestic, 77. artistic, 78. bond, 79. nucleus

80. My dream is to become a great _____ designer like her.
n. images, designs, or drawings used in websites, books, magazines, etc.
81. These gas nebulas are merely newborn galactic _____.
n. the most essential or fundamental part of something
82. 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
83. The terrorist's _____ remains unknown.
n. the fact of being who or what somebody or something is; the features, emotions, or ideas that distinguish persons from one another
84. The _____ of a new virus can cause concern for public health.
n. the process or fact of coming into existence or becoming apparent
85. The Pythagorean theorem is used to calculate the length of the sides of a right _____.
n. a three-sided polygon with three angles; something that has three sides or parts
86. The picture earned near-_____ acclaim from critics.
adj. existing or affecting everywhere or everyone
87. The marathon was a _____ test of endurance.
adj. extremely tiring or demanding great effort, especially with long duration or intensity

ANSWERS: 80. graphics, 81. cores, 82. symptom, 83. identity, 84. emergence, 85. triangle, 86. universal, 87. grueling

88. The doctors said that her recovery was a _____.
- n.* an act or occurrence that is not explicable by natural or scientific laws and is therefore believed to be caused by God
89. I don't _____ acting in such an important role.
- v.* to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy
90. 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
91. We can resolve support requests quickly and _____ by utilization of AI.
- adv.* in a way that produces maximum output with minimum effort or expense
92. 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
93. During _____ farmers are incredibly busy.
- n.* yields of plants in a single growing season; the period of the year when gathering occurs on a farm
94. The politician managed to deal with that _____ issue.
- adj.* having many different parts and small details that all work together
95. The engine did not start because the _____ was flat.
- n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

ANSWERS: 88. miracle, 89. fancy, 90. compound, 91. efficiently, 92. molecule, 93. harvest, 94. intricate, 95. battery

96. _____ diamonds play an essential role as machine tool blades.
adj. made by combining chemical substances as opposed to being naturally occurring
97. We could grill the meat in a _____ way.
adj. exceptionally pleasing to taste or smell
98. The budget reduction was an _____ feat for our nation.
adj. arousing admiration due to size, quality, or skill
99. 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
100. The _____ are on the grassland and grazing.
n. cows, bulls, and buffalos that are raised for their milk or meat as farm animals
101. Australia is widely _____ as having low levels of corruption.
v. to become aware or conscious of something through the senses
102. The _____ at the park was a hit with all the families who attended.
n. a cooking method or apparatus that uses open flames or heated coals to grill or smoke meat, fish, or vegetables; a social gathering or meal characterized by outdoor grilling or barbecuing of food
103. He placed a _____ on the floor for his dog to lie on.
n. a soft, padded object that is used to make a hard surface more comfortable or to protect an object from damage

ANSWERS: 96. Synthetic, 97. delicious, 98. impressive, 99. complicated, 100. cattle, 101. perceived, 102. barbecue, 103. cushion

104. Long-term use of _____ can lead to tolerance, physical dependence, and addiction.

n. a powerful narcotic drug used to relieve pain and induce sleep

105. The garden was full of _____ that needed to be pulled.

n. a wild plant growing where it is not wanted and in competition with cultivated plants

106. He cast _____ glances behind her.

adj. worried and nervous

107. Many countries have now agreed to a treaty banning the use of _____ weapons.

adj. of or relating to or constituting the nucleus of an atom; deriving destructive energy from the release of atomic energy

108. The _____ of water is called ice.

adj. hard or firm; characterized by good substantial quality

109. After the earthquake, many of the buildings in the city were left in ruins and began to _____.

v. to break down or cause to break down over time into simpler substances or elements

110. He is a man admired for the depth of his _____.

n. a belief, opinion, or image you have based on how you regard, understand, or interpret something; the ability to see, hear, or notice something through the senses

111. The animal rights group worked to _____ the dolphins back into the wild.

v. to set free or allow to escape from confinement

ANSWERS: 104. morphine, 105. weeds, 106. anxious, 107. nuclear, 108. solid-state, 109. decompose, 110. perception, 111. release

112. _____ prevalent in hospitals are often resistant to antibiotics.
- n.* single-celled or noncellular spherical or spiral or rod-shaped organisms that exist in large numbers in the air, water, and soil, and also in living and dead creatures and plants, and are often a cause of disease
113. The adrenal _____ produce steroids.
- n.* a group of cells in an animal's body that produce substances needed by the body and release them through ducts or directly into the bloodstream
114. Hospitals must meet various standards to prevent nosocomial _____.
- n.* a condition in which pathogenic microorganisms or viruses have entered the body
115. To advance this discussion, we must _____ "success" rigorously.
- v.* to state or explain precisely the nature, scope, or meaning of something
116. The _____ report showed that the victim had high levels of poison in their system.
- n.* the study of poisonous substances and their effects on organisms, including humans
117. 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
118. Foods high in _____ include bread, pasta, and rice.
- n.* (also carb) any of a class of organic compounds that includes sugars, starch, and cellulose and are a principal source of energy in the diet of animals
119. My car's _____ wouldn't turn over, so I had to call a mechanic.
- n.* the act of starting a fire, engine, or other device; the beginning or starting point of a process or event

ANSWERS: 112. Bacteria, 113. glands, 114. infections, 115. define, 116. toxicology, 117. atom, 118. carbohydrates, 119. ignition

120. The dreamlike quality of the painting gave it a _____ feel.
adj. strange and unreal; having an oddly dreamlike quality
121. The organizational _____ of start-ups is often flat and straightforward.
n. the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
122. He has been prescribed an _____ to treat his infection.
n. a substance or drug that kills or slows down the growth of bacteria
123. 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
124. In medieval Europe, a monarch or feudal lord granted the title of the _____ to a warrior who had demonstrated skill and bravery in battle.
n. a mounted soldier in the past, typically one of noble birth trained to fight in armor; (today in Great Britain) a person honored by the sovereign for personal merit
125. The _____ of the coffee was rich and full-bodied.
n. the taste sensation produced by a substance in the mouth
126. She visited the local _____ to seek treatment for her persistent headache.
n. a medical doctor who practices medicine
127. The warning labels indicated that the product was highly _____.
adj. able to burn easily

ANSWERS: 120. surreal, 121. structure, 122. antibiotic, 123. hydrogen, 124. knight, 125. flavor, 126. physician, 127. flammable

128. Marketing strategies are growing more _____.

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

129. Trees absorb _____ dioxide and give off oxygen.

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

130. The _____ of the earth is divided into several layers including the crust, mantle, and core.

n. a round object or geometric shape that is three-dimensional and symmetrical around a central point; a particular aspect or scope of life or activity

131. His abusive words made me _____.

adj. providing or feeling physical discomfort or slight pain

132. Health and _____ are, above all, gold.

n. the quality or state of being physically, or sometimes mentally, strong

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

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

134. We must ____ ourselves of pollution.

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

135. The company is working to _____ its production process to be more efficient.

v. to make something more pure, polished, cultured, or effective; to improve, perfect, or enhance through a process of purification or development

ANSWERS: 128. sophisticated, 129. carbon, 130. sphere, 131. uncomfortable, 132. strength, 133. oxide, 134. rid, 135. refine

136. These synthetic _____ are used in military vests because of their excellent abrasion resistance.
- n.* cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.
137. The spider can _____ multiple different silk proteins.
- v.* to combine a substance to make a more complex product or compound
138. Mercury is the closest _____ to the sun.
- n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
139. The paint was a _____ of different pigments to achieve the desired color.
- n.* a combination of different elements, substances, or entities, usually in non-uniform proportions, resulting in a homogeneous or heterogeneous blend of physical or chemical properties
140. 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
141. The wound was so deep that it needed a surgical procedure and _____.
- n.* one of the tiny thread lines visible on a piece of fabric after it has been sewn
142. I am going to the family _____ to get my teeth cleaned.
- n.* a person who is qualified and licensed to treat people's teeth
143. It'll be somewhere in the _____ of \$100.
- v.* a place or facility where baseball is played; a rough estimation of something

ANSWERS: 136. fabrics, 137. synthesize, 138. planet, 139. mixture, 140. equipped, 141. stitches, 142. dentist, 143. ballpark

144. She tried to _____ the conversation after the awkward silence.
v. to start something again, especially after a pause or interruption
145. The _____ of your eye dilates in response to different light levels.
n. the black circular opening in the center of the iris of the eye, through which light enters the eye; a student in school or university
146. It is a basic instinct to _____ from a dangerous situation.
v. to leave by running away, especially out of fear or danger
147. A _____ star is incredibly dense and has a strong gravitational pull.
n. a subatomic particle with no electric charge that is present in all atomic nuclei except those of ordinary hydrogen
148. The new CEO has a _____ career
adj. (used of persons or their work) standing above others in quality, attainment, or reputation
149. They found a _____ place to play catch.
adj. valuable and convenient; easy or ready to reach or use
150. We elected him to _____ us at the international conference.
v. to speak, act, or be present on behalf of another person or group; to form or constitute
151. The earthquake resulted in significant _____ destruction.
adj. associated with the way on construction or organization of anything
152. He is familiar with _____ and biology.
n. the branch of the natural sciences dealing with the composition of substances and their properties and reactions

ANSWERS: 144. restart, 145. pupil, 146. flee, 147. neutron, 148. distinguished, 149. handy, 150. represent, 151. structural, 152. chemistry

153. The _____ arteries in his legs made it difficult for him to walk long distances.

adj. referring to the hardening or thickening of a tissue, organ, or other body parts, often due to infection, disease, or aging

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

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

155. _____ of the people grew until the revolt was unavoidable.

n. the act or process of burning something

156. The _____ on the beach was warm and golden.

n. finely granulated particles of rock or mineral material typically found along beaches, deserts, or riverbeds; used in construction, landscaping, and other applications requiring drainage or abrasive action

157. She waited for her daughter with _____.

n. a feeling of worry, nervousness, or unease about something that is happening or might happen in the future

158. I took my pet to the _____ for a routine check-up.

n. (formal for a vet) a medical professional who specializes in the care and treatment of animals, especially those that are domesticated or kept as pets

159. The _____ to the new class was informative and engaging.

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

ANSWERS: 153. sclerotic, 154. constructs, 155. Combustion, 156. sand, 157. anxiety, 158. veterinarian, 159. introduction

160. The golfer recorded an _____ distance.

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

161. The _____ team worked quickly to save the patient's life.

adj. relating to the treatment of illness or injuries; relating to the practice of medicine

162. 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

163. Everyone regarded the theory he advocated as _____ but was later proven correct.

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

164. This chemical compound is a thousand-fold more _____.

adj. of or relating to or caused by a poison; poisonous

165. She tried to _____ the layout of the new house in her mind.

v. to form a mental image or concept of something; to make something visible

166. How much is it per one hundred _____

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

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

v. to take the place of something

168. How can you _____ that the earth is a sphere?

v. to display something or give an exhibition to an interested audience

ANSWERS: 160. amazing, 161. medical, 162. protein, 163. ridiculous, 164. toxic, 165. visualize, 166. grams?, 167. replace, 168. demonstrate

169. 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

170. You may be entitled to _____ some tax.

- v.* to take back something previously lost, given, or paid, or ask to have it back

171. I need to _____ plans with him for the celebration.

- v.* to plan, prepare for, and carry out something

172. The _____ shaped a horseshoe on his anvil.

- n.* a smith who forges and shapes iron with a hammer and anvil

173. The ____ scarcity most severely impacted the manufacturing sector

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

174. A _____ of the employees will be trained in the new software program.

- n.* a set of things that are contained within another larger set; a portion or division of a group or category

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

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

176. The chemical _____ of the new drug was a breakthrough in medical research.

- n.* the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements

ANSWERS: 169. cancer, 170. reclaim, 171. arrange, 172. blacksmith, 173. fuel, 174. subset, 175. backward, 176. synthesis

177. My sister and I frequently _____ books, as we love reading.

- v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

178. Full involvement means _____ and prompt responses.

- adj.* honest and sincere; open and candid in expression

179. The band has released a lot of _____ rock music.

- n.* (also "epinephrine") a substance secreted by the adrenal medulla in response to stress, which makes the heart beat faster and prepares the body to react to danger

180. 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

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

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

182. He had a firm _____ on the rope as he climbed the mountain.

- n.* the act of holding onto something firmly with your hands, or the ability to do so; (verb) to hold fast or firmly

183. A person who has been declared incompetent should have legal _____.

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

ANSWERS: 177. exchange, 178. frank, 179. adrenaline-pumping, 180. ingredient, 181. lab, 182. grip, 183. representation

184. The patient was treated with intravenous _____ for bacterial infection.
n. a powerful antibiotic used to treat bacterial infections that are resistant to other treatments
185. The country's economy relies heavily on its _____ industry.
n. a flammable liquid consisting of a complex mixture of hydrocarbons that occurs naturally in certain rock formations and can also be refined to produce fuels such as gasoline, diesel, and jet fuel
186. There are various hypotheses concerning the _____ of life.
n. the first existence or beginning of something
187. The incessant _____ of the car's horn woke me from sleep.
n. a loud, harsh sound made by a vehicle's horn to signal a warning or attract attention
188. This company's _____ plant is an enormous facility.
n. a group of people who have been elected, especially one that meets regularly and makes decisions or laws for a specific region or country
189. The singer's voice filled the auditorium with beautiful _____.
n. a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things
190. This company is faced with a _____ of problems.
n. a large number of things or people
191. Carbon has an _____ mass of 12.
adj. of or relating to atom (= the smallest component of an element)

ANSWERS: 184. vancomycin, 185. petroleum, 186. origin, 187. honk, 188. assembly, 189. resonance, 190. multitude, 191. atomic

192. My aunt was diagnosed with _____ and is undergoing chemotherapy.
n. a type of cancer that affects the body's lymphatic system, which is responsible for fighting infection and disease
193. The actress maintained her _____ even when faced with harsh criticism.
n. the state of being calm, collected, and in control of one's emotions and actions, especially in difficult or stressful situations
194. He discovered unique _____ for photochemical reactions.
n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
195. _____ and weather have an impact on every part of our lifestyles.
n. the weather in a particular location averaged over some long period
196. The rain had formed a large _____ on the sidewalk.
n. a small pool of water, especially on a flat surface; a small and usually shallow accumulation of any liquid substance
197. The _____ is about 13.8 billion years old.
n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
198. This artwork is _____ of her work.
adj. having the usual characteristics or traits of a specific group of things
199. The _____ properties of this herb have been known to help with various ailments.
adj. of or relating to the treatment or cure of disease

ANSWERS: 192. lymphoma, 193. composure, 194. mechanisms, 195. Climate, 196. puddle, 197. universe, 198. typical, 199. medicinal

200. The doctor diagnosed him with a rare _____ that had no known cure.
n. a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
201. He has a _____ demeanor and always presents himself in a polished manner.
adj. having or showing the skill appropriate to a particular job; competent or skillful
202. _____ compounds are commonly used to manufacture fertilizers to promote plant growth.
n. a chemical element with the symbol P and atomic number 15 that is a non-metallic, highly reactive, and luminescent element
203. 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
204. The _____ force of the earth keeps our planet spinning.
adj. having the properties of attracting or repelling certain materials containing iron or steel
205. The company was able to remain _____ throughout the economic downturn.
adj. capable of dissolving other substances; having sufficient money to pay all outstanding debts; (noun) a liquid substance capable of dissolving other substances

ANSWERS: 200. disease, 201. professional, 202. Phosphorus, 203. spectrometer, 204. magnetic, 205. solvent