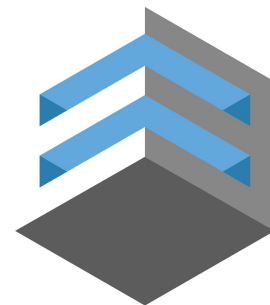


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Vocabulary Builder Reference from...

Joshua Chu-Tan: The science of preserving sight |

TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

stain

v. to discolor, defile, or tarnish something; (noun) a discoloration or dirty mark on a surface that is difficult to remove

synonym: discolor, tarnish, defile

(1) **stain** the carpet, (2) red wine **stain**

The allegations of corruption **stained** her reputation, and she struggled to regain public trust.

ceiling

n. a room's top interior surface

synonym: canopy, awning, shelter

(1) **ceiling** board, (2) **ceiling** light

There was a crack in the **ceiling** that I found.

ray

n. a narrow line of light, heat, or another form of energy

synonym: beam, light, glimmer

(1) opaque to X- **rays**, (2) effect of cosmic **rays**

Gamma **rays** penetrate body tissues and cause cell damage.

creep

v. to move slowly, quietly, and carefully, usually to avoid being seen or heard

synonym: crawl, glide, encroach

(1) **creep** along the leaf, (2) **creep** toward the mouse

Aging **creeps** up slowly with time.

blind

adj. unable to see; unable or unwilling to perceive or understand the true nature of something

synonym: sightless, unseeing, random

(1) **blind** to the beauties, (2) **blind** spot

She was nearly **blind** due to severe diabetes.

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.

conjure

v. to call forth by magic; to create or bring about through the imagination

synonym: summon, evoke, call forth

(1) **conjure** evil spirits away, (2) **conjure** a vision

The magician **conjured** up a rabbit out of thin air.

brain

n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

synonym: intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage

X-rays revealed a small tumor in his **brain**.

immediately

adv. now or without delay

synonym: directly, instantly, promptly

(1) **immediately** recall a product, (2) write him an answer **immediately**

A suspension order from the court is effective **immediately**.

sight

n. the ability to see; anything that is seen

synonym: vision, spectacle, view

(1) an unexpected **sight**, (2) dull **sight**

Many famous **sights** are within walking distance.

vision

n. the ability to think about or see the future with imagination and intelligence; the faculty of being able to see

synonym : sight, image, concept

(1) a prodigious **vision**, (2) telescopic **vision**

Driving is difficult for me because of my poor **vision**.

integral

adj. necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph

synonym : essential, fundamental, indispensable

(1) **integral** function, (2) **integral** component

Effective communication is an **integral** part of any successful team.

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.

architecture

n. the art and science of designing and constructing buildings

synonym : design, structure, layout

(1) **architecture** design, (2) classic **architecture**

The city is known for its impressive **architecture** and beautiful old buildings.

visual

adj. relating to seeing or sight

synonym : optical, graphical, visible

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

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

relate

- v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something

synonym: connect, link, associate

(1) **relate** a story, (2) **relate** a message

He tried to **relate** his experience to the group, but they couldn't understand.

macula

- n. a small, oval-shaped area near the center of the retina of the eye, responsible for providing high-resolution vision

synonym: center of the retina, spot, eyespot

(1) **macula** lutea, (2) damage to the **macula**

There are several treatment options available for patients with **macula-related** disorders.

degenerate

- v. (of a person, animal, or plant) to become worse in health or physical condition

synonym: deteriorate, decline, decay

(1) **degenerate** into a disagreement, (2) **degenerate** into recession

The once-thriving city has **degenerated** into a crime-ridden slum.

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.

develop

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

created

synonym: evolve, progress, advance

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

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

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.

microRNA

n. a type of small non-coding RNA (= a type of nucleic acid that is essential for the transfer of genetic information from DNA to proteins) molecule that plays a crucial role in regulating gene expression and protein synthesis

synonym: RNA molecule, non-coding RNA

(1) **microRNA** expression, (2) dysregulated **microRNA**

Researchers are studying the role of **microRNAs** in regulating gene expression and potential medical applications.

incredibly

adv. in a way that is very difficult to believe; exceedingly or extremely

synonym: enormously, exceptionally, extraordinarily

(1) **incredibly** cheerful character, (2) get **incredibly** insecure

Several cities are experiencing **incredibly** high unemployment rates.

gene

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

synonym: factor, cistron

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

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

regulator

n. a person or thing that controls or balances something; a person or an organization that is responsible for control and supervision of a particular activity or area of public interest

synonym: controller, supervisor, monitor

(1) **regulator** body, (2) a speed **regulator**

The financial industry **regulator** was responsible for ensuring that companies followed the laws.

stunning

adj. causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence

synonym: beautiful, breathtaking, magnificent

(1) **stunning** beauty, (2) **stunning** disclosure

The **stunning** sunset took everyone's breath away.

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.

ironic

adj. using words to express something different from and often opposite to their literal or usual meaning, often for humorous or rhetorical effect

synonym: sarcastic, wry, sardonic

(1) **ironic** result, (2) an **ironic** turn of events

It was **ironic** that the heavy rain started just as they set up for an outdoor picnic.

retina

n. the innermost light-sensitive membrane covering the back wall of the eyeball

(1) **retinal** cells, (2) **retina** scanner

Damage to the **retina** may play a role in the development of glaucoma.

absorb

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

(1) **absorb** energy, (2) **absorb** a shock

The sponge **absorbs** water well.

bounce

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

synonym: bound, leap, spring

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

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

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.

multilayer

n. something that consists of multiple layers or levels

synonym: lamination, layering, strata

(1) **multilayer** alloy, (2) **multilayer** film

A cake with a **multilayer** filling is a delicious treat.

photoreceptor

n. a specialized cell in the retina of the eye that responds to light and enables vision; there are two types of photoreceptor cells - rods and cones - that are responsible for different aspects of vision

synonym: rod, cone, light-sensitive cell

(1) **photoreceptor** cells, (2) damaged **photoreceptor**

Cone **photoreceptors** are responsible for color vision.

receptor

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

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

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

process

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

synonym : procedure, method, system

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

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

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.

electrical

adj. relating to electricity

(1) an **electrical** storm, (2) degree in **electrical** engineering

Actuators convert **electrical** pulses into motion.

eventually

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

synonym : finally, someday, ultimately

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

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

approximately

adv. close to a specific number or time but not exactly that number or time

synonym : about, around, roughly

(1) **approximately** 3 feet long, (2) **approximately** same

This trail takes **approximately** 2.5 hours.

diameter

n. the length of a straight line passing through the center of a circle and connecting two points on the circumference

synonym : diam, width

(1) **diameter** of an oval, (2) a particle **diameter**

Draw a circle five centimeters in **diameter**.

fovea

n. a small, central area of the retina of the eye that has the highest concentration of photoreceptor cells and is responsible for seeing fine detail and color

synonym: centralis, macula, pit

(1) **fovea** superior, (2) **fovea** centralis

Some disorders, such as macular degeneration, can affect the function of the **fovea**.

concentration

n. the ability to focus all your time and energy on one thing without thinking about anything else.

synonym: attention, engagement, assiduity

(1) **concentration** of armaments, (2) his research area of **concentration**

This exam requires excellent **concentration** to pass.

responsible

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

synonym: accountable, answerable, liable

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

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

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**.

mediate

v. to try to bring about an agreement or understanding between people who are in conflict

synonym: arbitrate, reconcile, intervene

(1) **mediate** allergic reaction, (2) **mediate** a negotiation

The teacher had to **mediate** a disagreement between two

students over a stolen pencil.

lesion

n. a damaged or abnormal area of tissue in the body, usually caused by injury or disease

synonym: injury, wound, damage

(1) muscle **lesion**, (2) brain **lesion**

The doctor examined the **lesion** on the patient's skin to determine if it was cancerous.

creditor

n. a person, company, etc. to whom a debtor owes money

(1) the **creditor's** claims, (2) bankrupt **creditor**

I asked the lawyer to initiate **creditor** negotiations for voluntary liquidation.

render

v. to bring someone or something into a particular state; to provide something such as service, help, etc.

synonym: deliver, give, provide

(1) **render** an assessment, (2) **render** the contract void

The jury must **render** a decision on this complex case.

unfortunately

adv. by bad luck; unluckily

synonym: regrettably, unluckily, alas

(1) **unfortunately** caught in a shower, (2) even more **unfortunately**

The treatments were done but, **unfortunately**, were unsuccessful.

complexity

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

synonym: intricacy, sophistication, elaboration

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

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

inflammation

n. a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a

reaction to infection or injury

synonym : rash, hives, irritation

(1) reduce **inflammation** and pain, (2) **inflammation** of the lungs

The medicine soothes the pain of chronic **inflammation**.

oxidant

n. a substance that causes oxidation, or the loss of electrons, in another substance; a reactive molecule or compound that can damage cells and tissues by causing oxidative stress

(1) **oxidant** stress, (2) natural **oxidant**

Breathing in large amounts of **oxidants**, like ozone, can harm the respiratory system.

treatment

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

synonym : remedy, antidote, medicine

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

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

therapy

n. the act of caring for someone through medication, remedial training, etc.

synonym : antidote, medicine, treatment

(1) **therapy** for a patient, (2) field of gene **therapy**

I underwent aversion **therapy** for my addiction to alcohol.

genetics

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

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

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

pioneer

n. inventor; explorer; someone who is among the first to achieve something

synonym : frontiersperson, innovator, trailblazer

(1) act as a **pioneer**, (2) early **pioneers**

John Whitney was a computer animation **pioneer**.

epic

n. a long and eventful or heroic history, story, poem, or film; (adjective) very imposing or impressive

synonym: legendary, mythical, classical

(1) heroic **epic**, (2) **epic** battle

The military **epic** between the two armies was one for the history books.

preserve

v. to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed

synonym: conserve, care for, maintain

(1) **preserve** my strength, (2) **preserve** a country's heritage

They worked hard to **preserve** the nature of their native lands.

mosquito

n. a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria

synonym: insect, bug, flea

(1) **mosquito** bite, (2) **mosquito** repellent

A stagnant water area are breeding ground for **mosquitos**.

dinosaur

n. a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

synonym: reptile, beast, monster

(1) hulking **dinosaur**, (2) **dinosaur** fossil

The discovery of a new **dinosaur** species made headlines in the scientific community.

scoff

v. to laugh and talk about a person or idea in a way that makes it clear that you think they are stupid or silly

synonym: mock, gibe, jeer

(1) **scoff** at a rumor, (2) **scoff** at the idea

We tend to **scoff** at the education, habits, and tastes of people from very different cultures.

genetically

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

synonym : hereditary, inherited, family-related

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

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

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.

dogma

n. a belief or set of beliefs that the members of a group accept without being questioned or doubted

synonym : doctrine, tenet, creed

(1) religious **dogma**, (2) the secret **dogma**

All members strictly followed the **dogma** of the organization.

unique

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

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

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

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

individual

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

synonym : person, being, self

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

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

component

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

synonym : element, part, factor

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

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

implement

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

synonym: execute, enforce, put through

(1) **implement** a corporate strategy, (2) **implement** security measures

The government promised to **implement** a new system to control the financial crisis.

messenger

n. someone or something that carries a message, especially one sent to convey information, news, or an official document

synonym: courier, transmitter, envoy

(1) **messenger** app, (2) a secret **messenger**

An mRNA vaccine is a type of vaccine that uses a copy of a molecule called **messenger** RNA.

functional

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

synonym: applicable, practical, usable

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

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

flatpack

n. a type of furniture or product that is shipped and sold in a flat, disassembled form, typically consisting of a series of panels, pieces, and fasteners that can be assembled and arranged according to instructions

synonym: knockdown furniture, ready-to-assemble furniture

(1) **flatpack** furniture, (2) **flatpack** dining set

I assembled my new dresser from a **flatpack** kit I bought online.

giant

adj. enormous; much bigger or more important than similar items usually are

synonym: big, gigantic, huge

(1) **giant** trees, (2) **giant** tech company

The **giant** jets gradually dominate the world's airlines.

warehouse

n. a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops

synonym: storage, repository, depot

(1) a rental **warehouse**, (2) **warehouse** debt

The fire ruined all the food stored in the **warehouse**.

instruction

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

synonym: education, direction, guidance

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

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

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.

wardrobe

n. a collection or set of clothing, especially for a particular occasion or purpose; a piece of furniture designed for storing clothes or personal belongings

synonym: clothing, attire, closet

(1) walk-in **wardrobe**, (2) minimalist **wardrobe**

Her **wardrobe** selection included several pieces from high-end designer brands.

couch

n. a piece of furniture made for sitting, usually with a back and armrests, designed to seat more than one person

synonym: sofa, settee, divan

(1) leather **couch**, (2) a **couch** potato

I love to relax on the **couch** and watch movies on the

weekends.

fantastic

adj. extremely good; excellent

synonym : incredible, unbelievable, marvelous

(1) a **fantastic** dress, (2) absolutely **fantastic** event

The new amusement park ride was **fantastic**, with twists, turns, and drops that left riders screaming with excitement.

attribute

v. to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;

synonym : ascribe, blame, (noun) feature

(1) **attribute** the change to their marriage, (2) **attribute** directly to sales

He **attributes** the disappointing results to the economic downturn.

mutation

n. the way in which genes of a person, plant, animal, or other organism change and produce permanent differences

synonym : metamorphosis, transformation, alteration

(1) **mutation** of DNA, (2) hereditary **mutation**

Radiation often promotes genetic **mutations** in plants and animals.

negative

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

synonym : minus, adverse, pessimistic

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

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

regulation

n. an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule

synonym : constraint, restriction, rule

(1) a company **regulation**, (2) **regulation** by the

government

The **regulation** approved by Congress was perfunctorily implemented.

bind

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

synonym: tie, stick to, adhere

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

roam

v. to move about or travel aimlessly or without a fixed destination; to wander

synonym: wander, ramble, meander

(1) **roam** freely, (2) **roam** the countryside
I love to **roam** around the city and discover new neighborhoods.

pathway

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

synonym: route, footpath, trail

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

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

suffer

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

synonym: endure, undergo, tolerate

(1) **suffer** a setback, (2) **suffer** bad grades
The older man **suffers** from arthritis and finds it difficult to move around.

epidemic

n. the widespread outbreak of a particular disease in a large number of people at the same time

synonym: outbreak, contagion, plague

(1) a worldwide **epidemic**, (2) health **epidemic**

The disease is now reaching **epidemic** proportions in our country.

clutter

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

synonym: mess, chaos, jumble

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

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

apparent

adj. able to see or understand easily or clearly

synonym: obvious, clear, conspicuous

(1) heir **apparent**, (2) **apparent** contradiction

This star is **apparent** to the naked eye.

function

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

synonym: purpose, mapping, job

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

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

recognize

v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

synonym: acknowledge, identify, admit

(1) **recognize** talent, (2) **recognize** achievement

It's important to **recognize** your strengths and weaknesses.

specifically

adv. only associated with or meant for one thing

synonym: especially, particularly, notably

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

American customers

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

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.

doe

n. a mature female of mammals of which the male is called a buck, such as a deer or a rabbit

synonym : rabbit, bunny, hare

(1) **doe** rabbit, (2) buck and **doe**

Hunters use a whistle that makes the **doe** sound to lure stags.

regulate

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

synonym : control, restrain, handle

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

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

discovery

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

synonym : finding, uncovering, detection

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

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

therapeutic

adj. relating to or involved in the treatment of illness or injury

synonym : healing, remedial, curative

(1) **therapeutic** massage, (2) **therapeutic** administration

Yoga is known to have **therapeutic** benefits for the mind and body.

clinical

adj. of or relating to the examination and treatment of patients rather than theoretical or laboratory studies

synonym : dispassionate, analytic, scientific

(1) **clinical** surgery, (2) participate in **clinical** trials

She received special **clinical** training at the hospital.

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.

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**.

bench

n. a long, flat surface, often elevated and supported by legs, used for sitting, working, or displaying objects; persons who administer justice

synonym : seat, terrace, judiciary

(1) **bench** conference, (2) **bench board**

I sat on the **bench** in the park and enjoyed the beautiful scenery.

recap

v. to repeat or summarize what has been said, decided, etc.

synonym : outline, summarize, abstract

(1) **recap** key points, (2) **recap** briefly

Let me quickly **recap** these results.

decide

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

synonym : choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action
She couldn't **decide** whether to order the pizza or the pasta for dinner.

technique

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

synonym: approach, procedure, strategy

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

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

hero

n. a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities

synonym: champion, protagonist, savior

(1) local **hero**, (2) unsung **hero**

The soldier who sacrificed his life for his country is considered a national **hero**.

abundant

adj. present in great quantity

synonym: ample, plentiful, generative

(1) live an **abundant** life, (2) an **abundant** supply of water

The country has **abundant** oil and natural gas resources.

definitely

adv. without any question and beyond doubt; clearly

synonym: absolutely, certainly, indeed

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

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

inflame

v. to cause very strong feelings such as anger or excitement in a person or a group of people

synonym: agitate, arouse, enrage

(1) **inflame** skin, (2) **inflame** his passion

Her eyes **inflamed** with crying.

absent

adj. not present in a particular place at a particular time

synonym: missing, away, not present

(1) **absent-minded**, (2) **absent** without leave

He was **absent** from the meeting and missed all the important updates.

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.

tragic

adj. causing great sadness or suffering; very unfortunate

synonym: calamitous, disastrous, catastrophic

(1) **tragic** love stories, (2) **tragic** death

The **tragic** events of the war left many families torn apart.

consequence

n. the outcome of a particular action or event, especially relative to an individual

synonym: result, impact, outcome

(1) unintended **consequences**, (2) the **consequence** of an argument

These economic activities had disastrous environmental **consequences**.

supplement

n. something that is added to something else to make it better or complete it

synonym: complement, addendum, accessory

(1) wage **supplement**, (2) use of dietary **supplements**

Certain **supplements** may promote tumor growth.

undergo

v. to go through something unpleasant or that involves a change

synonym: experience, suffer, endure

(1) **undergo** surgery, (2) **undergo** a decrease

The train has to **undergo** rigorous safety checks.

dam

n. a wall constructed over a river to block the flow of water, mainly used to generate energy

synonym: barricade, barrier, embankment

(1) **dam-building** program, (2) **dam** collapsing

The break in the **dam** threatened the valley.

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.

preliminary

adj. serving as a preparation for something more important or extensive; introductory; taking place before the main event or decision

synonym: initial, preparatory, introductory

(1) **preliminary** investigation, (2) **preliminary** agreement

Before starting the project, we need to go through some **preliminary** research and planning.

experiment

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

synonym: experimentation, investigation

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

His **experiments** showed highly positive results.

analyze

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

synonym: explore, examine, investigate

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

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

communicate

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

synonym: convey, share, transmit

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

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

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

interconnect

v. to connect similar things

synonym: interlink, connect, annex

(1) directly **interconnect** with those systems, (2) human activities **interconnect** with the environment

Our system can now **interconnect** with other databases.

contribute

v. to give something, especially money or goods, to provide or achieve something together with other people

synonym: donate, devote, commit

(1) **contribute** a large sum of money to the fund,

(2) **contribute** to society

Government workers cannot **contribute** to political campaigns.

harness

v. to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object

synonym: rein in, control, (noun) belt

(1) **harness** a horse to a carriage, (2) put a **harness** on my pet

People have been exploring ways to **harness** natural forces and resources since ancient times.

engineer

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

synonym: architect, creator, builder

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

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

transport

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

synonym: shipment, transit, conveyance

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

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

feat

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

synonym: achievement, accomplishment, exploit

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

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

cherish

v. to hold someone or something dear; to feel or show affection for someone or something

synonym: treasure, value, hold dear

(1) **cherish** a stuffed animal, (2) **cherish** relationships

She **cherished** the memories of her childhood.

demographic

n. a statistic characterizing that describes people or groups of people based on their age, sex, income, etc.

(1) **demographic** analyses, (2) **demographic** policy

Several **demographic** indicators correlate with care admission.

extend

v. to broaden in scope, range, or area

synonym: prolong, lengthen, advance

(1) **extend** the warranty, (2) **extend** a line

Her visit will **extend** from Monday to Friday.

lifespan

n. the length of time for which a person, animal lives, or thing exists

synonym: duration, lifetime, continuance

(1) **lifespan** extension, (2) **lifespan** retrieval curve

Generally speaking, men have a shorter **lifespan** than women.

longevity

n. the property of being long-lived; significant duration of service

synonym: seniority, endurance

(1) **longevity** crisis, (2) **longevity** genes

He is proud of the **longevity** of the business.

Session 2: Spelling

- | | |
|--------------------------------------|--|
| 1. lo_____ty crisis | <i>n.</i> the property of being long-lived; significant duration of service |
| 2. g__e cloning | <i>n.</i> the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein. |
| 3. unintended con_____ces | <i>n.</i> the outcome of a particular action or event, especially relative to an individual |
| 4. he was ov_____lmed with gratitude | <i>v.</i> to defeat someone or something by using a great deal of force; to have a strong emotional effect on somebody |
| 5. mo_____to repellent | <i>n.</i> a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria |
| 6. fun_____al deafness | <i>adj.</i> designed for or capable of a particular activity, purpose, or task; practical or ready for use or service |
| 7. brain le___n | <i>n.</i> a damaged or abnormal area of tissue in the body, usually caused by injury or disease |
| 8. re_____or body | <i>n.</i> a person or thing that controls or balances something; a person or an organization that is responsible for control and supervision of a particular activity or area of public interest |

ANSWERS: 1. longevity, 2. gene, 3. consequence, 4. overwhelm, 5. mosquito, 6. functional, 7. lesion, 8. regulator

9. the science of ge_____cs *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
10. 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
11. fl_____ck furniture *n.* a type of furniture or product that is shipped and sold in a flat, disassembled form, typically consisting of a series of panels, pieces, and fasteners that can be assembled and arranged according to instructions
12. minimalist wa_____be *n.* a collection or set of clothing, especially for a particular occasion or purpose; a piece of furniture designed for storing clothes or personal belongings
13. use of dietary sup_____nts *n.* something that is added to something else to make it better or complete it
14. fo__a superior *n.* a small, central area of the retina of the eye that has the highest concentration of photoreceptor cells and is responsible for seeing fine detail and color
15. r_d the body of waste products *v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person
16. act as a pi_____r *n.* inventor; explorer; someone who is among the first to achieve something

ANSWERS: 9. genetics, 10. perception, 11. flatpack, 12. wardrobe, 13. supplement, 14. fovea, 15. rid, 16. pioneer

17. gi__t trees *adj.* enormous; much bigger or more important than similar items usually are
18. con_____te to society *v.* to give something, especially money or goods, to provide or achieve something together with other people
19. tr_____rt facilities *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
20. cellular signaling pa_____ys *n.* a track that constitutes or serves as a path; an approach or a way of doing something
21. unf_____ely caught in a shower *adv.* by bad luck; unluckily
22. the secret do__a *n.* a belief or set of beliefs that the members of a group accept without being questioned or doubted
23. inc_____ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely
24. st__n the carpet *v.* to discolor, defile, or tarnish something; (noun) a discoloration or dirty mark on a surface that is difficult to remove
25. im_____nt security measures *v.* to put a decision, plan, or system into effect
26. re___e a story *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
27. bo___e across the floor *v.* to cause to move up or away after hitting a surface; to spring back

ANSWERS: 17. giant, 18. contribute, 19. transport, 20. pathway, 21. unfortunately, 22. dogma, 23. incredibly, 24. stain, 25. implement, 26. relate, 27. bounce

28. field of fun_____al medicine *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
29. effect of cosmic r_ys *n.* a narrow line of light, heat, or another form of energy
30. a company reg_____on *n.* an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule
31. ir___c result *adj.* using words to express something different from and often opposite to their literal or usual meaning, often for humorous or rhetorical effect
32. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
33. heir ap_____nt *adj.* able to see or understand easily or clearly
34. a speed re_____or *n.* a person or thing that controls or balances something; a person or an organization that is responsible for control and supervision of a particular activity or area of public interest
35. at_____te the change to their marriage *v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;
36. walk-in wa_____be *n.* a collection or set of clothing, especially for a particular occasion or purpose; a piece of furniture designed for storing clothes or personal belongings

ANSWERS: 28. functional, 29. ray, 30. regulation, 31. ironic, 32. decide, 33. apparent, 34. regulator, 35. attribute, 36. wardrobe

37. say def_____ly *adv.* without any question and beyond doubt; clearly
38. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
39. re___a scanner *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
40. de___e my position *v.* to state or explain precisely the nature, scope, or meaning of something
41. natural ox____t *n.* a substance that causes oxidation, or the loss of electrons, in another substance; a reactive molecule or compound that can damage cells and tissues by causing oxidative stress
42. the cr____or's claims *n.* a person, company, etc. to whom a debtor owes money
43. inf_____ion of the lungs *n.* a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a reaction to infection or injury
44. li_____an extension *n.* the length of time for which a person, animal lives, or thing exists
45. co_____t fat into energy *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
46. un_____o a decrease *v.* to go through something unpleasant or that involves a change
47. as_____le your colleagues *v.* to collect in one place as a single group
48. as_____le a jigsaw puzzle *v.* to collect in one place as a single group

ANSWERS: 37. definitely, 38. brain, 39. retina, 40. define, 41. oxidant, 42. creditor, 43. inflammation, 44. lifespan, 45. convert, 46. undergo, 47. assemble, 48. assemble

49. b__d old letters into a bundle *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
50. ind_____al freedom *n.* a single person or thing, as distinct from a group
51. su___r a setback *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
52. in_____al function *adj.* necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph
53. a te_____ue in martial arts *n.* a particular way or art of doing something that needs skill
54. an_____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
55. early pi_____rs *n.* inventor; explorer; someone who is among the first to achieve something
56. local h__o *n.* a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities
57. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand

ANSWERS: 49. bind, 50. individual, 51. suffer, 52. integral, 53. technique, 54. analyze, 55. pioneer, 56. hero, 57. complexity

58. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
59. d_m-building program *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
60. put a ha_____s on my pet *v.* to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
61. muscle le____n *n.* a damaged or abnormal area of tissue in the body, usually caused by injury or disease
62. re____r the contract void *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
63. bl__d to the beauties *adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
64. mul_____er alloy *n.* something that consists of multiple layers or levels
65. me_____e allergic reaction *v.* to try to bring about an agreement or understanding between people who are in conflict
66. con_____te a large sum of money to the fund *v.* to give something, especially money or goods, to provide or achieve something together with other people
67. a un____e teacher *adj.* being the only one of its kind; unlike anything else

ANSWERS: 58. eventually, 59. dam, 60. harness, 61. lesion, 62. render, 63. blind, 64. multilayer, 65. mediate, 66. contribute, 67. unique

68. an unexpected si__t *n.* the ability to see; anything that is seen
69. pre_____ry agreement *adj.* serving as a preparation for something more important or extensive; introductory; taking place before the main event or decision
70. the con_____ce of an argument *n.* the outcome of a particular action or event, especially relative to an individual
71. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
72. un_____o surgery *v.* to go through something unpleasant or that involves a change
73. co_____t base 10 to base 16 *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
74. a prodigious vi____n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
75. me_____er app *n.* someone or something that carries a message, especially one sent to convey information, news, or an official document
76. ab____t-minded *adj.* not present in a particular place at a particular time
77. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

ANSWERS: 68. sight, 69. preliminary, 70. consequence, 71. analyze, 72. undergo, 73. convert, 74. vision, 75. messenger, 76. absent, 77. develop

78. dull si__t *n.* the ability to see; anything that is seen
79. res_____le action *adj.* answerable or accountable for something within one's power, control, or management
80. d_m collapsing *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
81. con_____ion of armaments *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
82. re_____te blood sugar levels *v.* to control something, especially by means of rules or laws
83. ap_____nt contradiction *adj.* able to see or understand easily or clearly
84. a private ind_____al *n.* a single person or thing, as distinct from a group
85. wa_____se debt *n.* a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops
86. r__m the countryside *v.* to move about or travel aimlessly or without a fixed destination; to wander
87. deg_____te into a disagreement *v.* (of a person, animal, or plant) to become worse in health or physical condition
88. bankrupt cr_____or *n.* a person, company, etc. to whom a debtor owes money
89. his research area of
con_____ion *n.* the ability to focus all your time and energy on one thing without thinking about anything else.

ANSWERS: 78. sight, 79. responsible, 80. dam, 81. concentration, 82. regulate, 83. apparent, 84. individual, 85. warehouse, 86. roam, 87. degenerate, 88. creditor, 89. concentration

90. intellectual f__t *n.* a notable or impressive achievement, especially one that requires great skill or bravery
91. th_____y for a patient *n.* the act of caring for someone through medication, remedial training, etc.
92. res_____le for a customer service *adj.* answerable or accountable for something within one's power, control, or management
93. re___r an assessment *v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
94. re_____te our conduct *v.* to control something, especially by means of rules or laws
95. ch_____h a stuffed animal *v.* to hold someone or something dear; to feel or show affection for someone or something
96. an ele_____al storm *adj.* relating to electricity
97. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
98. me_____e a negotiation *v.* to try to bring about an agreement or understanding between people who are in conflict
99. an ab_____nt supply of water *adj.* present in great quantity

ANSWERS: 90. feat, 91. therapy, 92. responsible, 93. render, 94. regulate, 95. cherish, 96. electrical, 97. process, 98. mediate, 99. abundant

100. in_____e skin *v.* to cause very strong feelings such as anger or excitement in a person or a group of people
101. an ir____c turn of events *adj.* using words to express something different from and often opposite to their literal or usual meaning, often for humorous or rhetorical effect
102. ma____a lutea *n.* a small, oval-shaped area near the center of the retina of the eye, responsible for providing high-resolution vision
103. gi__t tech company *adj.* enormous; much bigger or more important than similar items usually are
104. in_____on needle *n.* the act of introducing a liquid, especially a drug, into the body using a needle and a syringe
105. ch____h relationships *v.* to hold someone or something dear; to feel or show affection for someone or something
106. in_____e his passion *v.* to cause very strong feelings such as anger or excitement in a person or a group of people
107. the_____ic administration *adj.* relating to or involved in the treatment of illness or injury
108. field of gene th____y *n.* the act of caring for someone through medication, remedial training, etc.
109. hulking di____ur *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

ANSWERS: 100. inflame, 101. ironic, 102. macula, 103. giant, 104. injection, 105. cherish, 106. inflame, 107. therapeutic, 108. therapy, 109. dinosaur

110. sc__f at the idea
v. to laugh and talk about a person or idea in a way that makes it clear that you think they are stupid or silly
111. a fa_____ic dress
adj. extremely good; excellent
112. app_____ely 3 feet long
adv. close to a specific number or time but not exactly that number or time
113. di_____er of an oval
n. the length of a straight line passing through the center of a circle and connecting two points on the circumference
114. un___e design
adj. being the only one of its kind; unlike anything else
115. 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
116. tr_____nt by diet
n. the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
117. ab___b a shock
v. to take in a fluid or other substance gradually
118. hereditary mu_____on
n. the way in which genes of a person, plant, animal, or other organism change and produce permanent differences
119. a ne_____ve number
adj. having the quality of something bad or harmful; expressing refusal
120. opaque to X-r_ys
n. a narrow line of light, heat, or another form of energy

ANSWERS: 110. scoff, 111. fantastic, 112. approximately, 113. diameter, 114. unique, 115. structure, 116. treatment, 117. absorb, 118. mutation, 119. negative, 120. ray

121. ge_____cs discrimination *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
122. de___e a word *v.* to state or explain precisely the nature, scope, or meaning of something
123. 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
124. ex___d a line *v.* to broaden in scope, range, or area
125. unsung h__o *n.* a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities
126. e__c battle *n.* a long and eventful or heroic history, story, poem, or film; (adjective) very imposing or impressive
127. degree in ele_____al engineering *adj.* relating to electricity
128. exp_____nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
129. cl_____al surgery *adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
130. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
131. fu_____on properly *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose

ANSWERS: 121. genetics, 122. define, 123. protein, 124. extend, 125. hero, 126.

epic, 127. electrical, 128. experiment, 129. clinical, 130. eventually, 131. function

132. 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
133. dem_____ic policy *n.* a statistic characterizing that describes people or groups of people based on their age, sex, income, etc.
134. access to public tr_____rt *n.* a system for moving people or products from one location to another using automobiles, roads, and so on
135. d_e rabbit *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
136. religious do__a *n.* a belief or set of beliefs that the members of a group accept without being questioned or doubted
137. live an ab_____nt life *adj.* present in great quantity
138. re__p key points *v.* to repeat or summarize what has been said, decided, etc.
139. reg_____on by the government *n.* an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule
140. designed spe_____lly for men *adv.* only associated with or meant for one thing
141. re__p briefly *v.* to repeat or summarize what has been said, decided, etc.
142. dysregulated mi_____NA *n.* a type of small non-coding RNA (= a type of nucleic acid that is essential for the transfer of genetic information from DNA to proteins) molecule that plays a crucial role in regulating gene expression and protein synthesis

ANSWERS: 132. protein, 133. demographic, 134. transport, 135. doe, 136. dogma, 137. abundant, 138. recap, 139. regulation, 140. specifically, 141. recap, 142. microRNA

143. get r_d of the rats *v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person
144. spare co_____nts for cars *n.* one of several parts that combines with others to form something bigger
145. classic arc_____ure *n.* the art and science of designing and constructing buildings
146. in_____al component *adj.* necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph
147. vi____l navigation *adj.* relating to seeing or sight
148. telescopic vi____n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
149. damage to the ma____a *n.* a small, oval-shaped area near the center of the retina of the eye, responsible for providing high-resolution vision
150. re_____or for HIV in humans *n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
151. a worldwide ep_____ic *n.* the widespread outbreak of a particular disease in a large number of people at the same time

ANSWERS: 143. rid, 144. component, 145. architecture, 146. integral, 147. visual, 148. vision, 149. macula, 150. receptor, 151. epidemic

159. fuel in _____ on *n.* the act of introducing a liquid, especially a drug, into the body using a needle and a syringe
160. human activities int _____ ect with the environment *v.* to connect similar things
161. ex ___ d the warranty *v.* to broaden in scope, range, or area
162. pe _____ ve a threat *v.* to become aware or conscious of something through the senses
163. follow his ins _____ ons *n.* detailed direction, order, etc., on how to do or use something
164. pr _____ ve my strength *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
165. di _____ ur fossil *n.* a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin
166. 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
167. for spe _____ lly American customers *adv.* only associated with or meant for one thing
168. damaged pho _____ tor *n.* a specialized cell in the retina of the eye that responds to light and enables vision; there are two types of photoreceptor cells - rods and cones - that are responsible for different aspects of vision

ANSWERS: 159. injection, 160. interconnect, 161. extend, 162. perceive, 163. instruction, 164. preserve, 165. dinosaur, 166. disease, 167. specifically, 168. photoreceptor

179. ab___t without leave *adj.* not present in a particular place at a particular time
180. the te_____ue applied to construction *n.* a particular way or art of doing something that needs skill
181. mo_____to bite *n.* a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
182. have a ne_____ve effect *adj.* having the quality of something bad or harmful; expressing refusal
183. fl_____ck dining set *n.* a type of furniture or product that is shipped and sold in a flat, disassembled form, typically consisting of a series of panels, pieces, and fasteners that can be assembled and arranged according to instructions
184. absolutely fa_____ic event *adj.* extremely good; excellent
185. a co__h potato *n.* a piece of furniture made for sitting, usually with a back and armrests, designed to seat more than one person
186. directly int_____ect with those systems *v.* to connect similar things
187. even more unf_____ely *adv.* by bad luck; unluckily
188. st_____ng disclosure *adj.* causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence
189. g__e expression *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.

ANSWERS: 179. absent, 180. technique, 181. mosquito, 182. negative, 183. flatpack, 184. fantastic, 185. couch, 186. interconnect, 187. unfortunately, 188. stunning, 189. gene

190. pre_____ly investigation *adj.* serving as a preparation for something more important or extensive; introductory; taking place before the main event or decision
191. gen_____ly inherited traits *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
192. gen_____ly manipulated plant *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
193. pho_____tor cells *n.* a specialized cell in the retina of the eye that responds to light and enables vision; there are two types of photoreceptor cells - rods and cones - that are responsible for different aspects of vision
194. reduce inf_____ion and pain *n.* a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a reaction to infection or injury
195. ab___b energy *v.* to take in a fluid or other substance gradually
196. su___r bad grades *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
197. be__h conference *n.* a long, flat surface, often elevated and supported by legs, used for sitting, working, or displaying objects; persons who administer justice

ANSWERS: 190. preliminary, 191. genetically, 192. genetically, 193. photoreceptor, 194. inflammation, 195. absorb, 196. suffer, 197. bench

198. cellular re____or
- n.* an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way
199. 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
200. field of vi____l arts
- adj.* relating to seeing or sight
201. mi____NA expression
- n.* a type of small non-coding RNA (= a type of nucleic acid that is essential for the transfer of genetic information from DNA to proteins) molecule that plays a crucial role in regulating gene expression and protein synthesis
202. def____ly become a problem
- adv.* without any question and beyond doubt; clearly
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. health ep____ic
- n.* the widespread outbreak of a particular disease in a large number of people at the same time
205. heroic e__c
- n.* a long and eventful or heroic history, story, poem, or film; (adjective) very imposing or impressive

ANSWERS: 198. receptor, 199. cancer, 200. visual, 201. microRNA, 202. definitely, 203. mixture, 204. epidemic, 205. epic

206. series of exp_____nts	<i>n.</i> the scientific test conducted to observe what happens and gain new knowledge
207. imm_____ly recall a product	<i>adv.</i> now or without delay
208. individual ins_____on	<i>n.</i> detailed direction, order, etc., on how to do or use something
209. a secret me_____er	<i>n.</i> someone or something that carries a message, especially one sent to convey information, news, or an official document
210. clear desk cl_____r	<i>n.</i> to fill a room or place with so many items that it becomes messy
211. deg_____te into recession	<i>v.</i> (of a person, animal, or plant) to become worse in health or physical condition
212. pa_____y to understanding	<i>n.</i> a track that constitutes or serves as a path; an approach or a way of doing something
213. basic br__n function	<i>n.</i> the organ inside the head that is responsible for one's movement, thought, memory, and feeling
214. cr__p along the leaf	<i>v.</i> to move slowly, quietly, and carefully, usually to avoid being seen or heard
215. sc__f at a rumor	<i>v.</i> to laugh and talk about a person or idea in a way that makes it clear that you think they are stupid or silly
216. tr___c death	<i>adj.</i> causing great sadness or suffering; very unfortunate
217. st_____re and function of the brain	<i>n.</i> the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

ANSWERS: 206. experiment, 207. immediately, 208. instruction, 209. messenger, 210. clutter, 211. degenerate, 212. pathway, 213. brain, 214. creep, 215. scoff, 216. tragic, 217. structure

218. mo_____le behavior *n.* a group of two or more atoms held together by attractive forces known as chemical bonds
219. com_____te well with my advisor *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
220. arc_____ure design *n.* the art and science of designing and constructing buildings
221. co_____e a vision *v.* to call forth by magic; to create or bring about through the imagination
222. red wine st__n *v.* to discolor, defile, or tarnish something; (noun) a discoloration or dirty mark on a surface that is difficult to remove
223. lo_____ty genes *n.* the property of being long-lived; significant duration of service
224. ox_____t stress *n.* a substance that causes oxidation, or the loss of electrons, in another substance; a reactive molecule or compound that can damage cells and tissues by causing oxidative stress
225. im_____nt a corporate strategy *v.* to put a decision, plan, or system into effect
226. li_____an retrieval curve *n.* the length of time for which a person, animal lives, or thing exists
227. r__m freely *v.* to move about or travel aimlessly or without a fixed destination; to wander
228. be__h board *n.* a long, flat surface, often elevated and supported by legs, used for sitting, working, or displaying objects; persons who administer justice

ANSWERS: 218. molecule, 219. communicate, 220. architecture, 221. conjure, 222. stain, 223. longevity, 224. oxidant, 225. implement, 226. lifespan, 227. roam, 228. bench

229. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
230. re_____ze achievement *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
231. en_____er shortage *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
232. fo__a centralis *n.* a small, central area of the retina of the eye that has the highest concentration of photoreceptor cells and is responsible for seeing fine detail and color
233. 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
234. b__d the man's hands *v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly
235. pe_____ve light *v.* to become aware or conscious of something through the senses

ANSWERS: 229. process, 230. recognize, 231. engineer, 232. fovea, 233. perception, 234. bind, 235. perceive

236. ce____g light *n.* a room's top interior surface
237. leather co__h *n.* a piece of furniture made for sitting, usually with a back and armrests, designed to seat more than one person
238. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
239. a rental wa_____se *n.* a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops
240. 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
241. re_____ze talent *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
242. key co_____nt *n.* one of several parts that combines with others to form something bigger
243. re___e a message *v.* to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
244. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

ANSWERS: 236. ceiling, 237. couch, 238. complexity, 239. warehouse, 240. cancer, 241. recognize, 242. component, 243. relate, 244. discovery

245. com_____te his anxieties to the psychiatrist
v. to share or exchange information with others by speaking, writing, moving your body, or using other signals
246. mul_____er film
n. something that consists of multiple layers or levels
247. dem_____ic analyses
n. a statistic characterizing that describes people or groups of people based on their age, sex, income, etc.
248. l_b instrument
n. a workplace for the conduct of scientific research; a laboratory
249. first-aid tr_____nt
n. the way in which someone deals with or behaves towards someone or something; medical care provided to a patient for an injury or illness.
250. bl__d spot
adj. unable to see; unable or unwilling to perceive or understand the true nature of something
251. in a cl_____r
n. to fill a room or place with so many items that it becomes messy
252. 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
253. cr__p toward the mouse
v. to move slowly, quietly, and carefully, usually to avoid being seen or heard
254. 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

ANSWERS: 245. communicate, 246. multilayer, 247. demographic, 248. lab, 249. treatment, 250. blind, 251. clutter, 252. mixture, 253. creep, 254. disease

255. re___al cells *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
256. bo___e back from failure *v.* to cause to move up or away after hitting a surface; to spring back
257. a civil en____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
258. pr____ve a country's heritage *v.* to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
259. co____e evil spirits away *v.* to call forth by magic; to create or bring about through the imagination
260. ce____g board *n.* a room's top interior surface
261. wage sup____nt *n.* something that is added to something else to make it better or complete it
262. a particle di____er *n.* the length of a straight line passing through the center of a circle and connecting two points on the circumference
263. get inc____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
264. the____ic massage *adj.* relating to or involved in the treatment of illness or injury

ANSWERS: 255. retina, 256. bounce, 257. engineer, 258. preserve, 259. conjure, 260. ceiling, 261. supplement, 262. diameter, 263. incredibly, 264. therapeutic

Session 3: Fill in the Blanks

1. The once-thriving city has _____ into a crime-ridden slum.
v. (of a person, animal, or plant) to become worse in health or physical condition
2. Several cities are experiencing _____ high unemployment rates.
adv. in a way that is very difficult to believe; exceedingly or extremely
3. Some disorders, such as macular degeneration, can affect the function of the _____.
n. a small, central area of the retina of the eye that has the highest concentration of photoreceptor cells and is responsible for seeing fine detail and color
4. The train has to _____ rigorous safety checks.
v. to go through something unpleasant or that involves a change
5. We tend to _____ at the education, habits, and tastes of people from very different cultures.
v. to laugh and talk about a person or idea in a way that makes it clear that you think they are stupid or silly
6. The disease is now reaching _____ proportions in our country.
n. the widespread outbreak of a particular disease in a large number of people at the same time
7. 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: 1. degenerated, 2. incredibly, 3. fovea, 4. undergo, 5. scoff, 6. epidemic, 7. injection

8. There was a crack in the _____ that I found.
n. a room's top interior surface
9. The _____ will repair my telephone tomorrow morning.
n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
10. I underwent aversion _____ for my addiction to alcohol.
n. the act of caring for someone through medication, remedial training, etc.
11. The city is known for its impressive _____ and beautiful old buildings.
n. the art and science of designing and constructing buildings
12. The treatments were done but, _____ were unsuccessful.
adv. by bad luck; unluckily
13. Her eyes _____ with crying.
v. to cause very strong feelings such as anger or excitement in a person or a group of people
14. His _____ showed highly positive results.
n. the scientific test conducted to observe what happens and gain new knowledge
15. Australia is widely _____ as having low levels of corruption.
v. to become aware or conscious of something through the senses
16. Hay fever occurs when a substance called histamine binds to _____ in the nose and eyes.
n. an organ having nerve endings that respond to stimulation such as heat or cold and makes the body react in a particular way

ANSWERS: 8. ceiling, 9. engineer, 10. therapy, 11. architecture, 12. unfortunately, 13. inflamed, 14. experiments, 15. perceived, 16. receptors

17. We must _____ a new system to streamline our workflow and increase efficiency.
- v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
18. The painting is _____ and there is no other like it.
- adj.* being the only one of its kind; unlike anything else
19. As an _____ he had the right to make his own decisions and live his life as he saw fit.
- n.* a single person or thing, as distinct from a group
20. The military _____ between the two armies was one for the history books.
- n.* a long and eventful or heroic history, story, poem, or film; (adjective) very imposing or impressive
21. John Whitney was a computer animation _____.
- n.* inventor; explorer; someone who is among the first to achieve something
22. She received special _____ training at the hospital.
- adj.* of or relating to the examination and treatment of patients rather than theoretical or laboratory studies
23. I love to relax on the _____ and watch movies on the weekends.
- n.* a piece of furniture made for sitting, usually with a back and armrests, designed to seat more than one person
24. All members strictly followed the _____ of the organization.
- n.* a belief or set of beliefs that the members of a group accept without being questioned or doubted

ANSWERS: 17. develop, 18. unique, 19. individual, 20. epic, 21. pioneer, 22. clinical, 23. couch, 24. dogma

25. The _____ events of the war left many families torn apart.
adj. causing great sadness or suffering; very unfortunate
26. The _____ approved by Congress was perfunctorily implemented.
n. an official rule made and maintained by a government or some other authority; the act of controlling or directing something according to a rule
27. 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
28. He tried to _____ his experience to the group, but they couldn't understand.
v. to establish a connection or association between two or more things; to narrate or tell about an event, experience, or relationship; to empathize or feel sympathy with someone or something
29. Certain _____ may promote tumor growth.
n. something that is added to something else to make it better or complete it
30. The doctor examined the _____ on the patient's skin to determine if it was cancerous.
n. a damaged or abnormal area of tissue in the body, usually caused by injury or disease
31. Our system can now _____ with other databases.
v. to connect similar things
32. I want to _____ my sadness into strength.
v. to have a talk with someone; (adjective) reversed in order, relation, or action

ANSWERS: 25. tragic, 26. regulation, 27. perception, 28. relate, 29. supplements, 30. lesion, 31. interconnect, 32. convert

33. 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
34. A defective _____ is responsible for the disease.
- n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
35. She couldn't _____ whether to order the pizza or the pasta for dinner.
- v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
36. This star is _____ to the naked eye.
- adj.* able to see or understand easily or clearly
37. To advance this discussion, we must _____ "success" rigorously.
- v.* to state or explain precisely the nature, scope, or meaning of something
38. Driving is difficult for me because of my poor _____.
- n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
39. There are several treatment options available for patients with _____ disorders.
- n.* a small, oval-shaped area near the center of the retina of the eye, responsible for providing high-resolution vision
40. Aging _____ up slowly with time.
- v.* to move slowly, quietly, and carefully, usually to avoid being seen or heard

ANSWERS: 33. mixture, 34. gene, 35. decide, 36. apparent, 37. define, 38. vision, 39. macula-related, 40. creeps

41. The teacher attempted to _____ the root cause of our mistake.
- v. to think about in-depth and evaluate to discover essential features or meaning
42. People have been exploring ways to _____ natural forces and resources since ancient times.
- v. to control and exploit the power of something, especially natural resources that produce energy; (noun) a set of narrow pieces of leather and metal that are used to control or hold in place a person, animal, or object
43. Cone _____ are responsible for color vision.
- n. a specialized cell in the retina of the eye that responds to light and enables vision; there are two types of photoreceptor cells - rods and cones - that are responsible for different aspects of vision
44. Breathing in large amounts of _____ like ozone, can harm the respiratory system.
- n. a substance that causes oxidation, or the loss of electrons, in another substance; a reactive molecule or compound that can damage cells and tissues by causing oxidative stress
45. They worked hard to _____ the nature of their native lands.
- v. to keep or maintain a particular quality, feature, etc., especially to prevent it from decaying, being damaged, or being destroyed
46. A stagnant water area are breeding ground for _____.
- n. a small flying insect whose female bites people and animals and sucks their blood, and sometimes transmits serious diseases such as malaria
47. Breast _____ is the most common type of cancer in women.
- n. abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

ANSWERS: 41. analyze, 42. harness, 43. photoreceptors, 44. oxidants, 45. preserve, 46. mosquitos, 47. cancer

48. I sat on the _____ in the park and enjoyed the beautiful scenery.
- n.* a long, flat surface, often elevated and supported by legs, used for sitting, working, or displaying objects; persons who administer justice
49. He is proud of the _____ of the business.
- n.* the property of being long-lived; significant duration of service
50. The researchers try to discover a common _____ in all types of successful organizations.
- n.* one of several parts that combines with others to form something bigger
51. The brain is an incredibly complex organ that controls the body's _____.
- n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
52. The fire ruined all the food stored in the _____.
- n.* a large building for storing goods and merchandise, especially before they are sold, used, or sent out to shops
53. Government workers cannot _____ to political campaigns.
- v.* to give something, especially money or goods, to provide or achieve something together with other people
54. The company's rules _____ the employee's working hours.
- v.* to tie or fasten someone or something tightly with rope, string, etc. so that they cannot move or are held together strongly

ANSWERS: 48. bench, 49. longevity, 50. component, 51. function, 52. warehouse, 53. contribute, 54. bind

55. Jockey's superior _____ brought him victory.
n. a particular way or art of doing something that needs skill
56. Dolphins use sound to _____ with each other.
v. to share or exchange information with others by speaking, writing, moving your body, or using other signals
57. Hunters use a whistle that makes the ____ sound to lure stags.
n. a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
58. The sponge _____ water well.
v. to take in a fluid or other substance gradually
59. The Prime Minister will pay a courtesy visit to the Nobel laureate's ____.
n. a workplace for the conduct of scientific research; a laboratory
60. The _____ sunset took everyone's breath away.
adj. causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence
61. 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
62. Her visit will _____ from Monday to Friday.
v. to broaden in scope, range, or area
63. The president began to _____ an army.
v. to collect in one place as a single group

ANSWERS: 55. technique, 56. communicate, 57. doe, 58. absorbs, 59. lab, 60. stunning, 61. protein, 62. extend, 63. assemble

64. The magician _____ up a rabbit out of thin air.
v. to call forth by magic; to create or bring about through the imagination
65. The paper is _____ worth reading thoroughly.
adv. without any question and beyond doubt; clearly
66. The allegations of corruption _____ her reputation, and she struggled to regain public trust.
v. to discolor, defile, or tarnish something; (noun) a discoloration or dirty mark on a surface that is difficult to remove
67. The teacher had to _____ a disagreement between two students over a stolen pencil.
v. to try to bring about an agreement or understanding between people who are in conflict
68. Researchers are studying the role of _____ in regulating gene expression and potential medical applications.
n. a type of small non-coding RNA (= a type of nucleic acid that is essential for the transfer of genetic information from DNA to proteins) molecule that plays a crucial role in regulating gene expression and protein synthesis
69. Generally speaking, men have a shorter _____ than women.
n. the length of time for which a person, animal lives, or thing exists
70. Gamma _____ penetrate body tissues and cause cell damage.
n. a narrow line of light, heat, or another form of energy
71. It is an incredible _____ to climb Mount Everest, the highest mountain in the world.
n. a notable or impressive achievement, especially one that requires great skill or bravery

ANSWERS: 64. conjured, 65. definitely, 66. stained, 67. mediate, 68. microRNAs, 69. lifespan, 70. rays, 71. feat

72. This trail takes _____ 2.5 hours.

adv. close to a specific number or time but not exactly that number or time

73. 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

74. Enhanced rail _____ is crucial for our business.

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

75. He was _____ from the meeting and missed all the important updates.

adj. not present in a particular place at a particular time

76. The building makes a remarkable _____ impact.

adj. relating to seeing or sight

77. X-rays revealed a small tumor in his _____.

n. the organ inside the head that is responsible for one's movement, thought, memory, and feeling

78. The primary purpose of the _____ is pain relief.

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

79. I love to _____ around the city and discover new neighborhoods.

v. to move about or travel aimlessly or without a fixed destination; to wander

80. I assembled my new dresser from a _____ kit I bought online.

n. a type of furniture or product that is shipped and sold in a flat, disassembled form, typically consisting of a series of panels, pieces, and fasteners that can be assembled and arranged according to instructions

ANSWERS: 72. approximately, 73. overwhelm, 74. transportation, 75. absent, 76. visual, 77. brain, 78. treatment, 79. roam, 80. flatpack

81. This ad campaign is aimed _____ at young women.

adv. only associated with or meant for one thing

82. We must ____ ourselves of pollution.

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

83. It's important to _____ your strengths and weaknesses.

v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

84. Before starting the project, we need to go through some _____ research and planning.

adj. serving as a preparation for something more important or extensive; introductory; taking place before the main event or decision

85. Actuators convert _____ pulses into motion.

adj. relating to electricity

86. They needed further _____ to perform their duties efficiently.

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

87. The country has _____ oil and natural gas resources.

adj. present in great quantity

88. Damage to the _____ may play a role in the development of glaucoma.

n. the innermost light-sensitive membrane covering the back wall of the eyeball

89. Let me quickly _____ these results.

v. to repeat or summarize what has been said, decided, etc.

ANSWERS: 81. specifically, 82. rid, 83. recognize, 84. preliminary, 85. electrical, 86. instruction, 87. abundant, 88. retina, 89. recap

90. The _____ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
91. They will _____ between various emotional states.
- v.* to cause to move up or away after hitting a surface; to spring back
92. The break in the ____ threatened the valley.
- n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
93. Several _____ indicators correlate with care admission.
- n.* a statistic characterizing that describes people or groups of people based on their age, sex, income, etc.
94. We must manage to _____ our expenditure.
- v.* to control something, especially by means of rules or laws
95. It was _____ that the heavy rain started just as they set up for an outdoor picnic.
- adj.* using words to express something different from and often opposite to their literal or usual meaning, often for humorous or rhetorical effect
96. The movie has received almost universally _____ criticism.
- adj.* having the quality of something bad or harmful; expressing refusal
97. He is a specialist in the _____ of aging.
- n.* the branch of biology that studies genes, genetic variation, and heredity in organisms

ANSWERS: 90. process, 91. bounce, 92. dam, 93. demographic, 94. regulate, 95. ironic, 96. negative, 97. genetics

98. The older man _____ from arthritis and finds it difficult to move around.

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

99. Effective communication is an _____ part of any successful team.

- adj.* necessary to make a whole complete; essential, or fundamental; combining with something else to form a whole; (noun, of mathematics) a fundamental concept in calculus that represents the area under a curve between two points on a graph

100. The medicine soothes the pain of chronic _____.

- n.* a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a reaction to infection or injury

101. He _____ the disappointing results to the economic downturn.

- v.* to say or regard that something is the result of a particular thing; (noun) a quality or feature that someone or something possesses;

102. Many famous _____ are within walking distance.

- n.* the ability to see; anything that is seen

103. The _____ jets gradually dominate the world's airlines.

- adj.* enormous; much bigger or more important than similar items usually are

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

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

105. The corporation _____ dominated the entire tobacco business.

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

ANSWERS: 98. suffers, 99. integral, 100. inflammation, 101. attributes, 102. sights, 103. giant, 104. implement, 105. eventually

106. A suspension order from the court is effective _____.

adv. now or without delay

107. The soldier who sacrificed his life for his country is considered a national _____.

n. a person who is admired or idealized for courage, outstanding achievements, or noble qualities; a character in literature or history who is central to the plot and who exhibits heroic qualities

108. Radiation often promotes genetic _____ in plants and animals.

n. the way in which genes of a person, plant, animal, or other organism change and produce permanent differences

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

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

110. 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

111. When the first molecule in the _____ receives a signal, it activates other molecules.

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

112. Her _____ selection included several pieces from high-end designer brands.

n. a collection or set of clothing, especially for a particular occasion or purpose; a piece of furniture designed for storing clothes or personal belongings

ANSWERS: 106. immediately, 107. hero, 108. mutations, 109. responsible, 110. disease, 111. pathway, 112. wardrobe

113. She _____ the memories of her childhood.
- v.* to hold someone or something dear; to feel or show affection for someone or something
114. She was nearly _____ due to severe diabetes.
- adj.* unable to see; unable or unwilling to perceive or understand the true nature of something
115. This exam requires excellent _____ to pass.
- n.* the ability to focus all your time and energy on one thing without thinking about anything else.
116. The new amusement park ride was _____ with twists, turns, and drops that left riders screaming with excitement.
- adj.* extremely good; excellent
117. He accused the tenants of leaving _____ and breaking the security camera.
- n.* to fill a room or place with so many items that it becomes messy
118. The mobile phone was still _____ even after being dropped.
- adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
119. The jury must _____ a decision on this complex case.
- v.* to bring someone or something into a particular state; to provide something such as service, help, etc.
120. An mRNA vaccine is a type of vaccine that uses a copy of a molecule called _____ RNA.
- n.* someone or something that carries a message, especially one sent to convey information, news, or an official document

ANSWERS: 113. cherished, 114. blind, 115. concentration, 116. fantastic, 117. clutter, 118. functional, 119. render, 120. messenger

121. The financial industry _____ was responsible for ensuring that companies followed the laws.

n. a person or thing that controls or balances something; a person or an organization that is responsible for control and supervision of a particular activity or area of public interest

122. Draw a circle five centimeters in _____.

n. the length of a straight line passing through the center of a circle and connecting two points on the circumference

123. The project's _____ made it difficult for the team to complete it on time.

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

124. Yoga is known to have _____ benefits for the mind and body.

adj. relating to or involved in the treatment of illness or injury

125. These economic activities had disastrous environmental _____.

n. the outcome of a particular action or event, especially relative to an individual

126. The discovery of a new _____ species made headlines in the scientific community.

n. a large extinct reptile, often with an armored back, long neck, tail, and bony plates on the skin

127. I asked the lawyer to initiate _____ negotiations for voluntary liquidation.

n. a person, company, etc. to whom a debtor owes money

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

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

ANSWERS: 121. regulator, 122. diameter, 123. complexity, 124. therapeutic, 125. consequences, 126. dinosaur, 127. creditor, 128. genetically

129. A cake with a _____ filling is a delicious treat.

n. something that consists of multiple layers or levels

130. 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

131. 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

132. Her research team made an important _____.

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

ANSWERS: 129. multilayer, 130. structure, 131. molecule, 132. discovery