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Vocabulary Builder Reference from...

Allan Jones: A map of the brain | TED Talk

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All Words

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Session 1: Word List

humming

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

synonym : buzzing, droning, vibrating

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

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

fascination

n. the state of being intensely interested in someone or something, or a powerful attraction

synonym : allure, attraction, charm

(1) rapt in **fascination**, (2) the **fascination** with classical music

I looked at the painting in **fascination**.

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**.

chart

n. a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea

synonym : diagram, graph, map

(1) a weather **chart**, (2) a statistical **chart**

This pie **chart** represents our market share.

influence

n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself

synonym: power, leverage, effect

(1) **influence** a child's future, (2) **influence** the daily life

The former emperor had a particular **influence** even after he abdicated.

transformation

n. a complete change in form, nature, or appearance of someone or something

synonym: change, conversion, renewal

(1) the **transformation** of a tadpole into a frog, (2) cast a **transformation** spell

Understanding unitary **transformations** of a normal matrix require considerable mathematical sophistication.

typical

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

synonym: characteristic, usual, distinctive

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

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

layer

n. a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas

synonym: stratum, sheet, coating

(1) **layer** cake, (2) **layer** of paint

The **layer** of frost on the ground was so thick it was difficult to walk on.

vascular

adj. of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body

synonym: circulatory, cardiovascular, arterial

(1) **vascular** disease, (2) **vascular** surgery

The doctor detected a blockage in the patient's **vascular** system.

incredible

adj. unbelievable; enormous

synonym : unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed

Her response revealed **incredible** idiocy.

vessel

n. a ship or large boat

synonym : boat, ship, craft

(1) blood **vessels**, (2) naval **vessels**

The **vessel** arrived in port the following day.

oxygen

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

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

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

lung

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

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

He has terminal **lung** cancer.

pump

v. to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

synonym : drain, inject, send

(1) **pump** a secret out of success, (2) **pump** blood throughout the body

He was alert and could not **pump** any critical information out of him.

organ

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

synonym : function, structure

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

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

fist *n.* a hand with the fingers clenched tightly into the palm to form a hard rounded shape; an act of striking someone or something with the fist

synonym: clenched hand, knuckles, mitt

(1) tight **fist**, (2) raise a **fist**

The boxer clenched his **fist** before throwing a punch.

slightly *adv.* in a small degree or extent; a little

synonym: barely, narrowly, scarcely

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

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

invasive *adj.* spreading very quickly, and often aggressively, and difficult to stop

synonym: aggressive, rampant, spreading

(1) **invasive** breast cancer, (2) **invasive** species

The **invasive** disease can spread quickly and potentially cause a global pandemic.

cerebellum *n.* the part of the brain at the back of the head that plays an important role in motor control, balance, and coordination

(1) **cerebellum** function, (2) development of **cerebellum**

An injury to the **cerebellum** can cause difficulty with walking, speaking, and maintaining posture.

upright *adj.* perpendicular to a horizontal surface or line; (adverb) in a vertical position

synonym: vertical, perpendicular, plumb

(1) **upright** posture, (2) sit **upright** in a chair

The bookcase was **upright** against the wall.

standing

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

synonym : upright, vertical, (noun) position

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

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

involve

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

synonym : implicate, include, engage

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

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

coordinated

adj. effectively arranged or organized so that all the parts work smoothly or systematically together

synonym : collective, unified, cooperative

(1) in a **coordinated** manner, (2) **coordinated** robot system

For greater efficiency, our efforts must be better **coordinated**.

movement

n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

synonym : motion, progression, action

(1) a circular **movement**, (2) **movement** of troops

The **movement** of the dancers on stage was graceful and elegant.

temporal

adj. of or relating to time as opposed to eternity

synonym : transient, fleeting, temporary

(1) a **temporal** restriction, (2) **temporal** history

The **temporal** nature of the universe is a subject of much debate among scientists.

cortex

n. the outermost layer of an organ, especially the brain

(1) **cortex** cells, (2) visual **cortex** neuron

The cerebral **cortex** consists of six layers.

primary

adj. first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle

synonym: chief, main, fundamental

(1) **primary** school, (2) **primary** education

The **primary** cause of the accident was due to the icy road conditions.

auditory

adj. of or relating to hearing or the ability to hear

synonym: hearing, audible, aural

(1) a good **auditory** memory, (2) **auditory** system

The **auditory** nerve carries sound signals from the ear to the brain.

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.

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.

decision

n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options

synonym: choice, determination, judgment

(1) **decision** authority, (2) a selfish **decision**

She was struggling to make a **decision** between two job offers.

decision-maker

n. a person who makes important decisions, especially at a high level in an organization

(1) policy **decision-maker**, (2) act as a **decision-maker**

A wealth of information does not always have a positive impact on **decision-makers**.

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.

probable

adj. likely to happen or likely to be true

synonym: likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire

It seems **probable** that he has forgotten our scheduled meeting.

steak

n. a thin slice of meat, typically beef, grilled or fried and served as a main dish

synonym: beef, chop, cutlet

(1) **steak** dinner, (2) salmon **steak**

He ordered a rare **steak** for dinner.

cross-section

n. a two-dimensional representation of a slice or portion of a three-dimensional object or structure, showing the internal arrangement and relationship of its parts; a sample or subset of a larger population or entity that

allows insight into its characteristics or behavior

synonym: section, segment, slice

(1) **cross-section** diagram, (2) **cross-section** view

The **cross-section** of the tree trunk showed its growth rings.

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.

invention

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

synonym: creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**

Necessity is the mother of **invention**.

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.

neuron

n. a cell that is specialized to carry information within the brain and between the brain and other parts of the body

synonym: nerve cell

(1) excite the **neurons**, (2) **neuron** cell body

Our body transfers information along each **neuron** using an electrical impulse.

uniform

adj. always the same; showing a single form or character in all occurrences; (noun) the special set of clothes worn by members of a particular group as a means of identification

synonym : livery, outfit

(1) at a **uniform** temperature, (2) our school **uniform**

This country has a nationally **uniform** culture.

neocortex

n. the part of the cerebral cortex that is responsible for higher brain functions such as conscious thought and decision-making

synonym : prefrontal lobe, cerebral cortex, forebrain

(1) stored in **neocortex**, (2) **neocortex** function

The cerebral **neocortex** is responsible for higher brain functions such as decision-making and problem-solving.

continuous

adj. occurring or existing without a pause or interruption

synonym : ceaseless, regular, repeated

(1) **continuous** improvement, (2) a **continuous** row of warehouses

The heavy snow has been **continuous** since last morning.

underneath

adv. under or below something else

synonym : below, under, beneath

(1) **underneath** the surface of the water, (2) **underneath** the laughter

The penny fell **underneath** the piano.

blank

adj. without any writing or printing; empty or devoid of ideas, information, or meaning; unable to remember or recall information

synonym : empty, void, barren

(1) **blank** expression, (2) **blank** paper

The computer screen displayed nothing but a **blank** white screen

dense

adj. containing a large number of people or something with little space between them

synonym : heavy, thick, idiotic

(1) nutrient- **dense** foods, (2) **dense** forests

The entire mountain is covered in **dense** rainforest.

distribute

v. to give something to a large number of individuals, or to spread or furnish something

synonym : broadcast, disperse, hand out

(1) **distribute** wealth evenly, (2) **distribute** video content

His estate was **distributed** to his sons.

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.

underlying

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

synonym : fundamental, latent, basic

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

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

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**.

mention

v. to speak or write about something or someone briefly
synonym: reference, allude, cite

(1) **mention** name, (2) **mention** in a report

I **mentioned** to him that I had seen his sister at the grocery store earlier that day.

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.

astrocytoma

n. a type of brain tumor that develops from abnormal glial cells called astrocytes

synonym: brain tumor, glioma, glial tumor

(1) **astrocytoma** tumor, (2) high-grade **astrocytoma**

The symptoms of an **astrocytoma** can include headaches, seizures, and problems with balance or coordination.

glia

n. a type of brain cell that supports and insulates neurons, provides nutrients to them, and helps to regulate their activity

synonym: astrocyte, microglia, oligodendrocyte

(1) neural **glia**, (2) **glia** function

The human brain contains both neurons and **glia** cells.

nervous

adj. worried and anxious about something; relating to the nerves

synonym: neural, anxious, uneasy

(1) development of the **nervous** system, (2) get **nervous**

He suffers from **nervous** breakdowns.

synapse

n. the fact or state of failing to finish an activity and of stopping using, making, or doing it

(1) **synapse** circuit, (2) end at a **synapse**

Animals transmit nerve impulses through **synapses**.

largely

adv. virtually entirely; to a large degree

synonym : mainly, chiefly, broadly

(1) **largely** accepted, (2) **largely** mitigate the issue
Nevada is **largely** a desert state.

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.

fundamental

adj. forming an essential base or core from which everything else develops or is affected

synonym : basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights

Human behavior has **fundamental** characteristics.

biochemical

adj. relating to the chemical processes and substances that occur within living organisms

synonym : molecular, biological

(1) **biochemical** reaction, (2) complex **biochemical**

Biochemical research is essential to understanding the complex chemical reactions in living organisms.

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.

ion

n. an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons

(1) **ion** channel, (2) rechargeable lithium- **ion** battery

The increased concentration of **ion** of hydrogen ions in an aqueous solution makes it more acidic.

zoom

v. to move along very quickly; (noun) the act of rising upward into the air

synonym: move quickly, dive, buzz

(1) **zoom** in on a photo, (2) **zoom** lens

He **zoomed** back in time to the soccer game.

encode

v. to convert information into a code or format suitable for storage or transmission

synonym: transcribe, convert

(1) **encode** data, (2) **encode** information

The software can **encode** and decode encrypted messages.

genome

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

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

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

chromosome

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

synonym: DNA

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

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

roughly

adv. approximately but not precisely; with a violent manner

synonym: approximately, more or less, around

(1) **roughly** explain my idea, (2) **roughly** speaking

Five miles is **roughly** similar to eight kilometers.

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.

dictate

v. to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded

synonym : read out, prescribe, order

(1) **dictate** a letter to secretary, (2) **dictate** to the associate

The allies **dictated** the terms of surrender to the country.

readout

n. a display of information or data, often in numerical or digital form, that provides a readout of measurements, quantities, or other aspects of a process or system

synonym : display, output, screen

(1) **readout** display, (2) temperature **readout**

The machine provided a digital **readout** of my heart rate and oxygen levels.

undertake

v. to do or begin to do something, such as an enterprise or responsibility

synonym : assume, take on, embark

(1) **undertake** an enterprise, (2) **undertake** routine duties

Young people in this country should **undertake** military duties.

obvious

adj. easy to see, discover or understand

synonym : apparent, conspicuous, evident

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

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

lab

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

synonym : workshop, laboratory, research chamber

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

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

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.

norm

n. something that is regarded as usual, typical, or standard
synonym: criterion, mean, standard

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

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

medical

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

synonym: health, disease, treatment

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

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

examine

v. to study or consider a person or object attentively and thoroughly to learn something about them

synonym: study, probe, analyze

(1) **examine** the data studiously, (2) **examine** the issue

Initially, we must **examine** all project-related expenses.

criteria

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

synonym: bars, benchmarks, standards

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

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

injury

n. harm done to a person's or an animal's body caused by an accident or an attack

synonym: wound, damage, hurt

(1) without **injury**, (2) a fatal **injury**

My accidental **injury** got better right away.

psychiatric

adj. of or relating to the treatment or study of mental illness or disorders

synonym:

mental, psychological, psychotherapeutic

(1) people with **psychiatric** disorders, (2) **psychiatric** hospital

The **psychiatric** evaluation revealed that the patient had been suffering from anxiety.

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.

toxicology

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

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

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

work-up

n. a thorough examination, analysis, or assessment of a patient's medical condition or a situation, typically involving various diagnostic procedures, tests, or investigations; a comprehensive evaluation or preparation

synonym: evaluation, analysis, assessment

(1) psychological **work-up**, (2) **work-up** procedure

After finishing the experiment, we conducted a thorough **work-up** to analyze the results.

tissue

n. an ensemble of similar cells of the animal or plant that together carry out a specific function

synonym: structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

consent

n. permission or agreement to do something, especially given by somebody in authority

synonym : approval, authorization, concession

(1) **consent** for surgery, (2) give silent **consent**

She gave her **consent** to the company's proposal.

labile

adj. easily or readily undergoing change, instability, or varying states; having a tendency to be unstable or changeable

synonym : unstable, volatile, changeable

(1) **labile** emotions, (2) **labile** blood pressure

The **labile** compound must be kept at a specific temperature to maintain stability.

accidental

adj. happening or existing by chance or unintentionally

synonym : inadvertent, fortuitous, coincidental

(1) **accidental** death, (2) cover **accidental** damage

This system prevents **accidental** deletion of data.

prime

adj. main or most important; basic; (prime number, noun) a natural number greater than 1 that cannot be formed by multiplying two smaller natural numbers (e.g., 2, 3, 5, 7, 11 and 13)

synonym : excellent, exceptional, premium

(1) **prime** number, (2) deputy **prime** minister

After a thorough investigation, she has been named as the **prime** suspect.

significance

n. the importance or value attached to something; the quality of being significant or noteworthy

synonym : importance, value, worth

(1) **significance** level, (2) mystical **significance**

The **significance** of his discovery cannot be overstated.

spouse

n. a person's husband, wife, or partner in marriage

synonym : partner, mate, wife

(1) **spouse** tax deduction, (2) **spouse** visa

The **spouse** of the politician was a constant presence at campaign events.

magnetic

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

synonym: attractive, drawing, hypnotic

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

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

resonance

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

synonym: echo, vibration, reverberation

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

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

template

n. a pre-designed file or document used as a starting point for a particular application so that the format does not have to be created from scratch

synonym: pattern, model, blueprint

(1) **template** file, (2) **template** design

The **template** format provided a useful guide for creating the budget.

satellite

n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.

synonym: orbiter, asteroid, moon

(1) a GPS **satellite**, (2) a meteorological **satellite**

Launching an artificial **satellite** contributed to the technological development of our country.

diffusion

n. a spreading motion in multiple directions

synonym: dispersal, scattering, disbandment

(1) the **diffusion** of knowledge, (2) **diffusion** of lightning
Due to the **diffusion** of television and video, cinema theaters had a small audience.

tensor

n. (of anatomy) a muscle that causes a part of the body to become tense or tight, thereby exerting a pulling or stretching force; (of physics) a mathematical object or vector that describes the direction and intensity of a physical force or quantity in a multi-dimensional space

synonym : tendon, sinew, muscle

(1) **tensor** fasciae latae, (2) **tensor** calculus

The **tensor** muscle helps in controlling the movement of the vocal cords.

cable

n. a set of wires covered by plastic or rubber that carries electricity, phone signals, etc.; a solid thick rope made of twisted hemp or steel wire

synonym : wire, cord, rope

(1) **cable** television, (2) coaxial **cable**

This system uses submarine **cables** to exchange information between continents.

interstate

adj. between or involving different states (= the territory occupied by one of the constituent administrative districts of a nation)

synonym : cross-state, between states

(1) **interstate** disputes, (2) **interstate** travel

The **interstate** highway connects the major cities of the state.

highway

n. a main road, especially one connecting major towns or cities

synonym : road, expressway, freeway

(1) **highway** system, (2) an interstate **highway**

I'm going to take the **highway** to get to my destination faster.

skull

n. a bone framework that surrounds the brain and gives the head its shape

synonym : cranium, scalp, brain

(1) **skull** fracture, (2) have a thick **skull**

Archaeologists found a Neanderthal **skull** at that historic site.

slice

n. a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting

synonym : piece, portion, slit

(1) a **slice** of the company's revenue, (2) **slice** a tomato thin

The children complained because one **slice** of cake was slightly larger than the other.

centimeter

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

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

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

solid

adj. hard or firm; characterized by good substantial quality

synonym : stable, reliable, hard

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

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

hemisphere

n. half of the terrestrial globe; half of a sphere

(1) northern **hemisphere**, (2) cerebral **hemisphere**

This weather pattern is unique to the southern **hemisphere**.

glorify

v. to praise or honor something or someone, often in an exaggerated or overly positive way; to elevate or exalt something or someone to a higher status or position

synonym : exalt, celebrate, honor

(1) **glorify** god, (2) **glorify** violence

Religious leaders often **glorify** their messengers to encourage people to follow their teachings.

blade

n. the flat part of a knife, weapon, or machine with a very thin edge used for cutting

synonym : knife, sword, cutter

(1) a **blade** of grass, (2) the **blade** of a turbine

The **blade** of the katana itself is still in excellent condition.

sect

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

synonym : group, faction, cult

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

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

transfer

v. to move, pass, or change from one person, place, or situation to another

synonym : move, relocate, shift

(1) **transfer** a file, (2) **transfer** power

She **transferred** the money from her savings account to her checking account.

microscope

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

synonym : lens, magnifier, eyepiece

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

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

slide

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

synonym : glide, drift, drop

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

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

scan

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

synonym : look over, scrutinize, browse

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

anatomy

n. the scientific study that deals with the physical structure of humans, animals, or plants

(1) animal **anatomy**, (2) **anatomy** of a country's collapse
The professor explained the **anatomy** of the nervous system.

assignment

n. a duty or task given to someone, usually as part of their job or studies

synonym: task, duty, designation

(1) finish the **assignment**, (2) **assignment** of interest
My **assignment** was overwhelming and complicated, but it was also exciting.

boundary

n. a real or imaginary line that marks the limit or extent of something and separates it from other things or places

synonym: border, frontier, limitation

(1) geographical **boundary**, (2) the **boundary** between reality and fantasy

He wandered the **boundary** between life and death by gunfire.

broad

adj. very wide; general

synonym: wide, expansive, comprehensive

(1) attract **broad** attention, (2) a **broad** mind
He accumulated wealth across a **broad** spectrum of assets.

outline

v. to describe the main facts or aspects involved in something

synonym: recap, summarize, digest

(1) **outlined** the plan, (2) **outline** the findings
This page **outlines** our response planning for an emergency.

fragment

n. a small piece or part broken off or detached

synonym: piece, shard, segment

(1) **fragment** of a text, (2) a broken **fragment**

The archaeologist carefully pieced together the tiny **fragments** of pottery found at the dig site.

cryogenic

adj. relating to the production, use, or storage of materials at very low temperatures, often below -150°C

synonym: low-temperature, freezing, chilled

(1) **cryogenic** freezing, (2) **cryogenic** apparatus

The **cryogenic** storage tank kept the samples at -196°C to preserve them.

micron

n. a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms

synonym: micrometer

(1) **micron** measurements, (2) **micron** imaging

The width of a single human hair is around 100 **microns**.

old-fashioned

adj. of or relating to a time in the past; not modern

synonym: antiquated, ancient, outdated

(1) an **old-fashioned** person, (2) **old-fashioned** in appearance

My father is **old-fashioned** in his thinking.

paintbrush

n. a tool used for applying paint or other liquid substances to a surface, typically consisting of bristles or synthetic fibers attached to a handle

synonym: brush, bristle brush, artist's brush

(1) **paintbrush** stroke, (2) **paintbrush** icon

She used a flat **paintbrush** to apply the final touches to the artwork.

applied

adj. of or relating to a subject of study, especially a science, that is used in a practical way

synonym: practical, practiced, used

(1) **applied** research, (2) **applied** physics

Military technology eventually became the foundation for **applied** technology that supported people's lives.

melt

v. to turn from something solid into something soft or liquid as a result of heating

synonym: disintegrate, soften, disappear

(1) **melt** the ice, (2) **melt** down gold

Her resistance **melted** under his persuasion.

configuration

n. the arrangement or pattern of something or a group of related things

synonym: arrangement, composition, formatting

(1) **configuration** of the system, (2) engine **configuration**

The **configuration** of molecules in steel changes significantly with temperature.

cluster

n. a group of similar things or people close together, often forming a distinct mass or unit

synonym: group, aggregation, array

(1) live in a **cluster**, (2) a **cluster** of stars

A **cluster** of grapes hung from the vine.

routine

n. a usual or habitual way of doing things; a set sequence of steps, part of a larger computer program

synonym: habit, custom, procedure

(1) **routine** business, (2) a built-in diagnostic **routine**

She studies gardening on a **routine** basis.

refer

v. to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support

synonym: cite, allude, mention

(1) **refer** to a book, (2) **refer** to a map

Please **refer** to the instruction manual for further assistance.

atlas

n. a book of maps or charts; a figure in Greek mythology who bore the weight of the world on his shoulders

synonym : map, chart, gazetteer

(1) **atlas** map, (2) **atlas** of anatomy

The world **atlas** showed me the locations of all the countries.

laser

n. a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification

synonym : beam, bar, ray

(1) **laser** printer, (2) pulse **laser**

The company holds patents on core components of **laser** jet printers.

dissection

n. the act or process of cutting up or dividing something to examine it

synonym : cutting, slicing, dissecting

(1) **dissection** process, (2) **dissection** specimen

The **dissection** of the frog revealed its internal anatomy.

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.

scribe

n. a person who writes out copies of documents or manuscripts, especially in ancient times

synonym : copyist, transcriber, writer

(1) **scribe** in ancient Egypt, (2) financial **scribe**

The **scribe's** skills were in high demand in medieval times, when many people were illiterate.

dot

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

synonym : drop, dab, fleck

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

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

container

n. a receptacle or object used to hold, store, or transport something; a large standardized metal box that is used for transporting goods by sea or land

synonym : receptacle, holder, vessel

(1) plastic **container**, (2) **container** ship

The restaurant uses large **containers** to store its food ingredients.

purify

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

synonym : refine, filter, clarify

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

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

efflorescent

adj. relating to the process of flowering or blooming; characterized by the formation of a powdery or crystalline deposit on the surface of a material due to the evaporation of water or other solvents

synonym : blooming, blossoming, flowering

(1) **efflorescent** crystals, (2) **efflorescent** growth

The artist's **efflorescent** paintings were featured in the gallery's exhibition.

array

n. a large group or collection of things or people, especially one that is impressive or attractive

synonym : collection, display, batch

(1) a two-dimensional **array**, (2) an **array** of troops

The customer on the Internet has to choose one from a formidable **array** of products.

bunch

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

synonym : group, assemblage, bundle

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

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

spot

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

synonym : dot, mark, place

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

This remote **spot** is rarely visited.

element

n. a fundamental or essential part of something

synonym : component, feature, essence

(1) new design **elements**, (2) nonmetallic **elements**

Natural selection is an essential **element** in Darwin's theory of evolution.

repeatedly

adv. again and again; many times

synonym : frequently, over and over, constantly

(1) use cell phone **repeatedly**, (2) **repeatedly** nod

He claims that his legitimate requests were **repeatedly** ignored.

hybrid

adj. composed of different elements or mixed characters

synonym : blended, mixed, combined

(1) new **hybrid** system, (2) an interspecific **hybrid**

The mule is a **hybrid** between a male donkey and a female horse.

fingerprint

n. a unique pattern of ridges and valleys on the surface of a finger that can be used to identify a person

synonym : print, mark, impression

(1) **fingerprint** at a crime scene, (2) **fingerprint** identification

The police used a **fingerprint** scanner to identify the suspect.

quantitative

adj. relating to, measuring, or expressing in terms of quantity; involving numerical or statistical data

synonym : numerical, measurable

(1) **quantitative** tightening, (2) **quantitative** analysis

The **quantitative** research provided statistical evidence to

support the hypothesis.

hippocampus

n. a major component of the brain of humans and other vertebrates that is part of the limbic system and is vital for memory

(1) involvement of the **hippocampus**, (2) neurons in the **hippocampus**

The **hippocampus** is crucial for learning and memory storage.

measurement

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

synonym: calculation, dimensions, size

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

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

synthesis

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

synonym: combination, integration, compound

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

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

multimodal

adj. involving or using several ways of communication or expression

synonym: multiple-mode

(1) **multimodal** input device, (2) **multimodal** approach

The **multimodal** transportation system included trains, buses, and bikes.

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.

framework

n. the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text

synonym: structure, scheme, foundation

(1) legal **framework**, (2) the **framework** of a house

He devised a new analytical **framework** to capture the phenomenon.

operator

n. a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations

synonym: controller, handler, manipulator

(1) **operator** error, (2) an elevator **operator**

The **operator** of the machine must follow strict safety protocols.

highlight

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

synonym: feature, emphasize, stress

(1) **highlight** a string in red, (2) **highlight** an important difference

The introduction **highlighted** the speaker's distinguished career as a consultant

degree

n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

synonym: level, qualification, diploma

(1) bachelor's **degree**, (2) **degree** centigrade

She received her **degree** in psychology from the university.

assay

v. to analyze or test a substance for its chemical composition or its quantity; to attempt or try something

synonym: analyze, test, examine

(1) **assay** the sample, (2) **assay** the protein

Scientists must **assay** the chemical properties of the new drug before using it on humans.

prescribe

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

synonym: define, specify, stipulate

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

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

antidepressant

n. any of a class of drugs used to reduce feelings of sadness and worry

(1) an **antidepressant** drug, (2) **antidepressant** effect

She has been taking **antidepressants** since her baby died.

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.

confirmation

n. a statement, often written, that shows that something is true, correct, or definite

synonym: validation, verification, affirmation

(1) **confirmation** of purchase, (2) **confirmation** bias

The **confirmation** of his appointment as CEO was met with mixed reactions.

serotonin

n. a neurotransmitter (= a chemical that carries nerve impulses) involved in, e.g., sleep, emotion, and memory

(1) **serotonin** drug, (2) **serotonin** levels

The medicine works by boosting **serotonin** levels in the brain.

affected

adj. influenced; feeling or showing emotion, especially exaggerated emotion; not natural or sincere

synonym: artificial, pretentious, stilted

(1) **affected** way of walking, (2) the **affected** part

Her **affected** accent made it difficult to take her seriously.

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**.

optimize

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

synonym: advance, amend, improve

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

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

association

n. a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship

synonym: affiliation, collaboration, society

(1) word **associations**, (2) a scholarship **association**

His membership in the **association** provided him with numerous benefits.

routinely

adv. on a regular or habitual basis; in a manner that is customary or expected

synonym: habitually, regularly, customarily

(1) **routinely** check, (2) **routinely** scheduled maintenance

They **routinely** conduct fire drills to ensure everyone in the building knows what to do in an emergency.

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.

population

n. the total number of people in a country, region, or location

synonym: people, inhabitants, folk

(1) **population** change, (2) labor **population**

In just four years, the **population** has doubled.

causal

adj. relating to or indicating a cause or the relationship between causes and effects; resulting from a cause

synonym: causative, contributory, connected

(1) **causal** chain, (2) **causal** effect

The study aimed to establish a **causal** relationship between smoking and lung cancer.

clue

n. an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery

synonym: hint, indication, inkling

(1) a **clue** about the crime, (2) a **clue** to the diagnosis

The police couldn't find a **clue** to her whereabouts.

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.

importance

n. the quality of being important and worthy of note

synonym: significance, primacy, matter

(1) a man of **importance**, (2) high **importance**
I stopped by the branch though I have no business of **importance**.

individuality

n. the qualities or characters that distinguish a particular person or thing from others of the same kind
synonym: personality, distinctiveness, eccentricity

(1) your **individuality**, (2) emphasize **individuality**
He has a strong sense of **individuality**.

genetic

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

synonym: hereditary, genetical, inborn

(1) have **genetic** testing, (2) a **genetic** disorder
Understanding protein folding is a vital step in deciphering the **genetic** code.

background

n. the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

synonym: ground, experience, backdrop

(1) a **background** color, (2) a criminal **background**
The company's hiring criteria emphasize personality, not a person's **background**.

separate

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

synonym: disunite, isolate, ramify

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

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

correspondence

n. the letters, emails, etc., especially official or business ones; the quality or state of being the same in amount, number, status

synonym: letters, closeness, likeness

(1) a business **correspondence**, (2) one-to-one **correspondence**

The results of the two experiments were in **correspondence**.

cutoff

n. a point or level beyond which something will not be tolerated or allowed; the act of stopping or interrupting the supply of something

synonym: limit, threshold, boundary

(1) **cutoff** frequency, (2) a **cutoff** point

The **cutoff** date for submitting applications was fast approaching.

correlate

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

synonym: associate, liken, connect

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

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

subtle

adj. not readily apparent or visible

synonym: slight, nuanced, exquisite

(1) **subtle** changes, (2) a **subtle** poison

A famous artist painted the room in a **subtle** pink hue.

celebrate

v. to acknowledge a memorable or good day or event with a social gathering or enjoyable activity

synonym: praise, glorify, honor

(1) **celebrate** his election, (2) **celebrate** Christmas

He **celebrated** the 10th anniversary of his tenure.

differ

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

synonym: vary, diverge, disagree

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

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

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.

cue

- n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something

synonym: signal, sign, hint

- (1) **cue** card, (2) visual **cue**

The director gave the actor a **cue** to begin the scene.

delete

- v.* to remove something, especially that has been written; to wipe out digitally or magnetically recorded information

synonym: erase, wipe out, remove

- (1) **delete** a file, (2) **delete** this modification

Highlight the sentences that you want to **delete**.

schizophrenia

- n.* a severe mental disorder in which a person has a distorted view of reality and may experience hallucinations, delusions, and disordered thinking and behavior

synonym: psychosis, disorder, mental illness

- (1) **schizophrenia** spectrum disorder, (2) **schizophrenia** treatment

The **schizophrenia** patient was experiencing severe auditory hallucinations.

variation

- n.* the act or state of changing; a difference or change in the way something is done, made or said

synonym: fluctuation, change, variance

- (1) **variation** of temperature, (2) gene **variation**

There is a lot of **variation** in the colors of flowers in the garden.

donor

n. a person or an organization that makes a gift of money, food, supplies, etc. to a cause or fund; in medicine, a person who gives blood or tissue or an organ to be used in another person

synonym: contributor, patron, supporter

(1) a transfusion of **donor** blood, (2) an unnamed **donor**
His body rejected the liver of the **donor**.

exception

n. something that is not included in a general rule or pattern; a person or thing that is excluded or stands apart from others

synonym: anomaly, rarity, exemption

(1) make an **exception**, (2) without **exception**

She was the **exception** to the rule, as she managed to graduate college in only two years.

specific

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

synonym: particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations

The scientist conducted a study that provided **specific** details about the species' behavior.

subset

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

synonym: subcategory, subdivision

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

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

purple

adj. of a color intermediate between red and blue

synonym: violet

(1) deep **purple**, (2) **purple** sweet potatoes

The plant has a stunning **purple** blossom.

precipitate

v. to cause something to happen suddenly or unexpectedly; to cause a solid substance to form from a dissolved liquid or gas by means of a chemical reaction or physical process

synonym: hasten, accelerate, expedite

(1) **precipitate** a reaction, (2) **precipitate** a global energy crisis

The sudden rainstorm will **precipitate** flooding in low-lying areas.

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.

handle

v. to deal with a situation, problem, or strong emotion

synonym: control, manage, deal with

(1) **handle** a precious object, (2) **handled** the incident

We all should learn how to **handle** stress.

handful

n. a small quantity or number, usually referring to the amount that can be held in one hand; a person or thing that is difficult to control or manage

synonym: small number, couple, few

(1) literal **handful**, (2) just a **handful** of participants

She only had a **handful** of pens left in her bag.

unexplored

adj. not yet examined, investigated, or studied; lacking in knowledge or information; unknown or undiscovered

synonym: uncharted, undiscovered, untapped

(1) **unexplored** ideas, (2) **unexplored** cave

There are many **unexplored** regions of the ocean that scientists hope to study soon.

undiscovered

adj. not yet found or known

synonym : unknown, hidden, unexplored

(1) **undiscovered** territory, (2) **undiscovered** potential

The jungle is full of **undiscovered** species waiting to be found.

continent

n. one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex

synonym : landmass, (adjective) chaste, (adjective) pure

(1) the inland of a **continent**, (2) **continent** urinary diversion

Flight across the **continent** was a daring adventure in its day.

frontier

n. a border that separates two countries, or the area near this line

synonym : border, boundary, borderland

(1) **frontier** disputes, (2) the Italian **frontier** with Switzerland

He worked at the **frontier** of behavioral economics.

daunt

v. to intimidate or discourage someone, often by making them feel afraid or uncertain; to lessen someone's courage, enthusiasm, or spirit

synonym : intimidate, discourage, frighten

(1) **daunt** the enemy, (2) **daunt** his courage

The idea of skydiving can be **daunting** to some people.

humble

adj. having or showing a modest or low estimate of one's quality or importance

synonym : modest, unpretentious, abject

(1) a **humble** cottage, (2) **humble** opinion

The nobler, the more **humble**.

await

v. to wait or stay ready for something; to expect or anticipate something

synonym : expect, wait for, anticipate

(1) **await** your reply, (2) **await** a decision

We **await** the results of the election with bated breath.

Session 2: Spelling

1. int_____te travel *adj.* between or involving different states (= the territory occupied by one of the constituent administrative districts of a nation)
2. sch_____nia treatment *n.* a severe mental disorder in which a person has a distorted view of reality and may experience hallucinations, delusions, and disordered thinking and behavior
3. pa_____y to understanding *n.* a track that constitutes or serves as a path; an approach or a way of doing something
4. engine con_____ion *n.* the arrangement or pattern of something or a group of related things
5. g__a function *n.* a type of brain cell that supports and insulates neurons, provides nutrients to them, and helps to regulate their activity
6. da__t his courage *v.* to intimidate or discourage someone, often by making them feel afraid or uncertain; to lessen someone's courage, enthusiasm, or spirit
7. word ass_____ons *n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
8. ro_____e business *n.* a usual or habitual way of doing things; a set sequence of steps, part of a larger computer program

ANSWERS: 1. interstate, 2. schizophrenia, 3. pathway, 4. configuration, 5. glia, 6. daunt, 7. association, 8. routine

9. ca__e television *n.* a set of wires covered by plastic or rubber that carries electricity, phone signals, etc.; a solid thick rope made of twisted hemp or steel wire
10. psychological wo____p *n.* a thorough examination, analysis, or assessment of a patient's medical condition or a situation, typically involving various diagnostic procedures, tests, or investigations; a comprehensive evaluation or preparation
11. ou____ed the plan *v.* to describe the main facts or aspects involved in something
12. gl____y violence *v.* to praise or honor something or someone, often in an exaggerated or overly positive way; to elevate or exalt something or someone to a higher status or position
13. fr____nt of a text *n.* a small piece or part broken off or detached
14. 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
15. the in____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing

ANSWERS: 9. cable, 10. work-up, 11. outline, 12. glorify, 13. fragment, 14. function, 15. invention

16. neurons in the hip_____us *n.* a major component of the brain of humans and other vertebrates that is part of the limbic system and is vital for memory
17. con_____us improvement *adj.* occurring or existing without a pause or interruption
18. mic_____pe slide *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye
19. pr__e number *adj.* main or most important; basic; (prime number, noun) a natural number greater than 1 that cannot be formed by multiplying two smaller natural numbers (e.g., 2, 3, 5, 7, 11 and 13)
20. the fr_____rk of a house *n.* the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
21. da__t the enemy *v.* to intimidate or discourage someone, often by making them feel afraid or uncertain; to lessen someone's courage, enthusiasm, or spirit
22. pr_____y education *adj.* first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle
23. 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

ANSWERS: 16. hippocampus, 17. continuous, 18. microscope, 19. prime, 20. framework, 21. daunt, 22. primary, 23. decide

24. aw__t your reply *v.* to wait or stay ready for something; to expect or anticipate something
25. neural g__a *n.* a type of brain cell that supports and insulates neurons, provides nutrients to them, and helps to regulate their activity
26. cer_____um function *n.* the part of the brain at the back of the head that plays an important role in motor control, balance, and coordination
27. policy dec_____ker *n.* a person who makes important decisions, especially at a high level in an organization
28. af_____ed way of walking *adj.* influenced; feeling or showing emotion, especially exaggerated emotion; not natural or sincere
29. te_____te file *n.* a pre-designed file or document used as a starting point for a particular application so that the format does not have to be created from scratch
30. pr_____le cause of a fire *adj.* likely to happen or likely to be true
31. la__r cake *n.* a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas
32. cr_____ic freezing *adj.* relating to the production, use, or storage of materials at very low temperatures, often below -150°C
33. nutrient-de__e foods *adj.* containing a large number of people or something with little space between them

ANSWERS: 24. await, 25. glia, 26. cerebellum, 27. decision-maker, 28. affected, 29. template, 30. probable, 31. layer, 32. cryogenic, 33. dense

34. sl____ly alkaline soils *adv.* in a small degree or extent; a little
35. individual ins_____on *n.* detailed direction, order, etc., on how to do or use something
36. sp____ic instructions *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
37. salmon st__k *n.* a thin slice of meat, typically beef, grilled or fried and served as a main dish
38. con_____ion of the system *n.* the arrangement or pattern of something or a group of related things
39. bl__k expression *adj.* without any writing or printing; empty or devoid of ideas, information, or meaning; unable to remember or recall information
40. industry-sp____ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
41. und_____red potential *adj.* not yet found or known
42. follow his ins_____ons *n.* detailed direction, order, etc., on how to do or use something
43. pr_____be in the preceding paragraph *v.* (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something
44. ro____y speaking *adv.* approximately but not precisely; with a violent manner
45. an unnamed do__r *n.* a person or an organization that makes a gift of money, food, supplies, etc. to a cause or fund; in medicine, a person who gives blood or tissue or an organ to be used in another person

ANSWERS: 34. slightly, 35. instruction, 36. specific, 37. steak, 38. configuration, 39. blank, 40. specific, 41. undiscovered, 42. instruction, 43. prescribe, 44. roughly, 45. donor

46. pulse la__r *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
47. n__m of action *n.* something that is regarded as usual, typical, or standard
48. so__d ally *adj.* hard or firm; characterized by good substantial quality
49. geographical bo____ry *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
50. protein sy_____is inhibitor *n.* the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements
51. a transfusion of do__r blood *n.* a person or an organization that makes a gift of money, food, supplies, etc. to a cause or fund; in medicine, a person who gives blood or tissue or an organ to be used in another person
52. a te____al restriction *adj.* of or relating to time as opposed to eternity
53. pop_____on change *n.* the total number of people in a country, region, or location
54. ge___e analyses *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
55. a c__e to the diagnosis *n.* an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery

ANSWERS: 46. laser, 47. norm, 48. solid, 49. boundary, 50. synthesis, 51. donor, 52. temporal, 53. population, 54. genome, 55. clue

56. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
57. common in_____on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
58. visual co____x neuron *n.* the outermost layer of an organ, especially the brain
59. g__e cloning *n.* the fundamental unit of heredity and the sequence of nucleotides in DNA that codes for the creation of RNA or protein.
60. m__t down gold *v.* to turn from something solid into something soft or liquid as a result of heating
61. con_____ion of purchase *n.* a statement, often written, that shows that something is true, correct, or definite
62. eff_____ent growth *adj.* relating to the process of flowering or blooming; characterized by the formation of a powdery or crystalline deposit on the surface of a material due to the evaporation of water or other solvents
63. sl__e a glance *v.* to move or cause to move smoothly along a surface without interruption
64. a me_____l opinion *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine

ANSWERS: 56. discovery, 57. invention, 58. cortex, 59. gene, 60. melt, 61. confirmation, 62. efflorescent, 63. slide, 64. medical

65. mystical sig_____nce *n.* the importance or value attached to something; the quality of being significant or noteworthy
66. a br__d mind *adj.* very wide; general
67. se_____te cream from milk *v.* to force, take, or pull apart; mark as different
68. dis_____te wealth evenly *v.* to give something to a large number of individuals, or to spread or furnish something
69. an_____e your real motives *v.* to think about in-depth and evaluate to discover essential features or meaning
70. old_____ned in appearance *adj.* of or relating to a time in the past; not modern
71. mo_____nt of troops *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
72. di___r from the majority *v.* to be not like someone or something in some way
73. de__e forests *adj.* containing a large number of people or something with little space between them
74. so__d employment measures *adj.* hard or firm; characterized by good substantial quality
75. a business cor_____nce *n.* the letters, emails, etc., especially official or business ones; the quality or state of being the same in amount, number, status

ANSWERS: 65. significance, 66. broad, 67. separate, 68. distribute, 69. analyze, 70. old-fashioned, 71. movement, 72. differ, 73. dense, 74. solid, 75. correspondence

76. cerebral hem_____re *n.* half of the terrestrial globe; half of a sphere
77. northern hem_____re *n.* half of the terrestrial globe; half of a sphere
78. su___e changes *adj.* not readily apparent or visible
79. the end of chr_____me *n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like
80. tight f__t *n.* a hand with the fingers clenched tightly into the palm to form a hard rounded shape; an act of striking someone or something with the fist
81. dis_____on process *n.* the act or process of cutting up or dividing something to examine it
82. di_____e to the associate *v.* to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded
83. re__r to a book *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
84. a facial ti___e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
85. the di_____on of knowledge *n.* a spreading motion in multiple directions
86. attract br__d attention *adj.* very wide; general

ANSWERS: 76. hemisphere, 77. hemisphere, 78. subtle, 79. chromosome, 80. fist, 81. dissection, 82. dictate, 83. refer, 84. tissue, 85. diffusion, 86. broad

87. te____te design *n.* a pre-designed file or document used as a starting point for a particular application so that the format does not have to be created from scratch
88. cro_____ion diagram *n.* a two-dimensional representation of a slice or portion of a three-dimensional object or structure, showing the internal arrangement and relationship of its parts; a sample or subset of a larger population or entity that allows insight into its characteristics or behavior
89. thirty cen_____ers tall *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
90. hi_____y system *n.* a main road, especially one connecting major towns or cities
91. end at a sy_____e *n.* the fact or state of failing to finish an activity and of stopping using, making, or doing it
92. 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
93. 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
94. 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: 87. template, 88. cross-section, 89. centimeter, 90. highway, 91. synapse, 92. protein, 93. disease, 94. disease

95. op____or error *n.* a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations
96. 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
97. te_____al history *adj.* of or relating to time as opposed to eternity
98. 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
99. sy_____e circuit *n.* the fact or state of failing to finish an activity and of stopping using, making, or doing it
100. sl__e a tomato thin *n.* a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting
101. a scholarship ass_____on *n.* a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship
102. at__s map *n.* a book of maps or charts; a figure in Greek mythology who bore the weight of the world on his shoulders
103. p__p blood throughout the body *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

ANSWERS: 95. operator, 96. structure, 97. temporal, 98. recognize, 99. synapse, 100. slice, 101. association, 102. atlas, 103. pump

104. in_____e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
105. bl__k paper *adj.* without any writing or printing; empty or devoid of ideas, information, or meaning; unable to remember or recall information
106. a criminal bac_____nd *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
107. la_____y mitigate the issue *adv.* virtually entirely; to a large degree
108. cultural n__m *n.* something that is regarded as usual, typical, or standard
109. s__t beliefs *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
110. ce_____te his election *v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
111. ca___l effect *adj.* relating to or indicating a cause or the relationship between causes and effects; resulting from a cause
112. in_____ve breast cancer *adj.* spreading very quickly, and often aggressively, and difficult to stop
113. blood ve___ls *n.* a ship or large boat

ANSWERS: 104. involve, 105. blank, 106. background, 107. largely, 108. norm, 109. sect, 110. celebrate, 111. causal, 112. invasive, 113. vessel

114. literal ha____l *n.* a small quantity or number, usually referring to the amount that can be held in one hand; a person or thing that is difficult to control or manage
115. s__n the face of the man *v.* to examine something hastily, with the eyes or with a machine, to get information
116. coo____ed robot system *adj.* effectively arranged or organized so that all the parts work smoothly or systematically together
117. te____r fasciae latae *n.* (of anatomy) a muscle that causes a part of the body to become tense or tight, thereby exerting a pulling or stretching force; (of physics) a mathematical object or vector that describes the direction and intensity of a physical force or quantity in a multi-dimensional space
118. the fas_____on with classical music *n.* the state of being intensely interested in someone or something, or a powerful attraction
119. de____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
120. cu____f frequency *n.* a point or level beyond which something will not be tolerated or allowed; the act of stopping or interrupting the supply of something

ANSWERS: 114. handful, 115. scan, 116. coordinated, 117. tensor, 118. fascination, 119. develop, 120. cutoff

121. the af____ed part *adj.* influenced; feeling or showing emotion, especially exaggerated emotion; not natural or sincere
122. me____n in a report *v.* to speak or write about something or someone briefly
123. high imp____ce *n.* the quality of being important and worthy of note
124. the hydrogen binds the ox____n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
125. ro____ly scheduled maintenance *adv.* on a regular or habitual basis; in a manner that is customary or expected
126. ro____y explain my idea *adv.* approximately but not precisely; with a violent manner
127. en____e information *v.* to convert information into a code or format suitable for storage or transmission
128. me____n name *v.* to speak or write about something or someone briefly
129. com____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
130. a meteorological sa____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
131. sp____e visa *n.* a person's husband, wife, or partner in marriage

ANSWERS: 121. affected, 122. mention, 123. importance, 124. oxygen, 125. routinely, 126. roughly, 127. encode, 128. mention, 129. complexity, 130. satellite, 131. spouse

132. an interstate hi____y *n.* a main road, especially one connecting major towns or cities
133. his conclusion was ob____s *adj.* easy to see, discover or understand
134. ce_____te Christmas *v.* to acknowledge a memorable or good day or event with a social gathering or enjoyable activity
135. 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
136. 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
137. cr_____ia for action *n.* (plural of criterion) standards or conditions by which something may be judged or decided
138. hu___e opinion *adj.* having or showing a modest or low estimate of one's quality or importance
139. an interspecific hy____d *adj.* composed of different elements or mixed characters
140. the bo____ry between reality and fantasy *n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places
141. without ex_____on *n.* something that is not included in a general rule or pattern; a person or thing that is excluded or stands apart from others

ANSWERS: 132. highway, 133. obvious, 134. celebrate, 135. recognize, 136. process, 137. criteria, 138. humble, 139. hybrid, 140. boundary, 141. exception

142. ass_____nt of interest *n.* a duty or task given to someone, usually as part of their job or studies
143. int_____te disputes *adj.* between or involving different states (= the territory occupied by one of the constituent administrative districts of a nation)
144. va_____on of temperature *n.* the act or state of changing; a difference or change in the way something is done, made or said
145. sc___e in ancient Egypt *n.* a person who writes out copies of documents or manuscripts, especially in ancient times
146. ind_____al freedom *n.* a single person or thing, as distinct from a group
147. temperature re_____t *n.* a display of information or data, often in numerical or digital form, that provides a readout of measurements, quantities, or other aspects of a process or system
148. at a un_____m temperature *adj.* always the same; showing a single form or character in all occurrences; (noun) the special set of clothes worn by members of a particular group as a means of identification
149. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
150. co_____nt urinary diversion *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex

ANSWERS: 142. assignment, 143. interstate, 144. variation, 145. scribe, 146. individual, 147. readout, 148. uniform, 149. lab, 150. continent

151. excite the ne___ns *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body
152. get inc_____ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely
153. up_____t posture *adj.* perpendicular to a horizontal surface or line; (adverb) in a vertical position
154. sig_____nce level *n.* the importance or value attached to something; the quality of being significant or noteworthy
155. animal an_____y *n.* the scientific study that deals with the physical structure of humans, animals, or plants
156. visual c_e *n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something
157. a cu___f point *n.* a point or level beyond which something will not be tolerated or allowed; the act of stopping or interrupting the supply of something
158. cellular signaling pa_____ys *n.* a track that constitutes or serves as a path; an approach or a way of doing something
159. z__m in on a photo *v.* to move along very quickly; (noun) the act of rising upward into the air
160. a bu__h of schoolgirls *n.* a grouping of several similar things which are growing or fastened together

ANSWERS: 151. neuron, 152. incredibly, 153. upright, 154. significance, 155. anatomy, 156. cue, 157. cutoff, 158. pathway, 159. zoom, 160. bunch

161. cen_____er measurement *n.* a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
162. coaxial ca__e *n.* a set of wires covered by plastic or rubber that carries electricity, phone signals, etc.; a solid thick rope made of twisted hemp or steel wire
163. as__y the sample *v.* to analyze or test a substance for its chemical composition or its quantity; to attempt or try something
164. bachelor's de___e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
165. ma_____ic field *adj.* having the properties of attracting or repelling certain materials containing iron or steel
166. d_t blot method *n.* a very small circular mark, especially one that is printed
167. la__r of paint *n.* a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas
168. l__g capacity *n.* either of the two organs in the chest that people and some animals use for breathing
169. a bl__e of grass *n.* the flat part of a knife, weapon, or machine with a very thin edge used for cutting

ANSWERS: 161. centimeter, 162. cable, 163. assay, 164. degree, 165. magnetic, 166. dot, 167. layer, 168. lung, 169. blade

170. nonmetallic el_____ts *n.* a fundamental or essential part of something
171. inc_____le amount *adj.* unbelievable; enormous
172. a sex chr_____me *n.* a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like
173. va_____ar disease *adj.* of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body
174. i_n channel *n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons
175. 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
176. tr_____er power *v.* to move, pass, or change from one person, place, or situation to another
177. sy_____is of ammonia *n.* the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements
178. sp___e tax deduction *n.* a person's husband, wife, or partner in marriage
179. stored in ne_____ex *n.* the part of the cerebral cortex that is responsible for higher brain functions such as conscious thought and decision-making

ANSWERS: 170. element, 171. incredible, 172. chromosome, 173. vascular, 174. ion, 175. stain, 176. transfer, 177. synthesis, 178. spouse, 179. neocortex

180. 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
181. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
182. a circular mo_____nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
183. sch_____nia spectrum disorder *n.* a severe mental disorder in which a person has a distorted view of reality and may experience hallucinations, delusions, and disordered thinking and behavior
184. s__n a document into PDF *v.* to examine something hastily, with the eyes or with a machine, to get information
185. c_e card *n.* a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something
186. sk__l fracture *n.* a bone framework that surrounds the brain and gives the head its shape
187. pu___e sweet potatoes *adj.* of a color intermediate between red and blue

ANSWERS: 180. develop, 181. decide, 182. movement, 183. schizophrenia, 184. scan, 185. cue, 186. skull, 187. purple

188. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
189. finish the ass_____nt *n.* a duty or task given to someone, usually as part of their job or studies
190. his social st_____ng *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
191. se_____te video into chapter *v.* to force, take, or pull apart; mark as different
192. acc_____al death *adj.* happening or existing by chance or unintentionally
193. at__s of anatomy *n.* a book of maps or charts; a figure in Greek mythology who bore the weight of the world on his shoulders
194. te____r calculus *n.* (of anatomy) a muscle that causes a part of the body to become tense or tight, thereby exerting a pulling or stretching force; (of physics) a mathematical object or vector that describes the direction and intensity of a physical force or quantity in a multi-dimensional space
195. a s__t on his honor *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
196. fairly ty_____l symptoms *adj.* having the usual characteristics or traits of a specific group of things
197. re_____ce frequency *n.* a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things

ANSWERS: 188. brain, 189. assignment, 190. standing, 191. separate, 192. accidental, 193. atlas, 194. tensor, 195. spot, 196. typical, 197. resonance

198. a te_____ue in martial arts *n.* a particular way or art of doing something that needs skill
199. und_____th the laughter *adv.* under or below something else
200. rapt in fas_____on *n.* the state of being intensely interested in someone or something, or a powerful attraction
201. a cl_____r of stars *n.* a group of similar things or people close together, often forming a distinct mass or unit
202. co____x cells *n.* the outermost layer of an organ, especially the brain
203. ne_____ex function *n.* the part of the cerebral cortex that is responsible for higher brain functions such as conscious thought and decision-making
204. ha____e a precious object *v.* to deal with a situation, problem, or strong emotion
205. un_____ke an enterprise *v.* to do or begin to do something, such as an enterprise or responsibility
206. legal fr_____rk *n.* the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
207. qua_____ive tightening *adj.* relating to, measuring, or expressing in terms of quantity; involving numerical or statistical data
208. a broken fr_____nt *n.* a small piece or part broken off or detached

ANSWERS: 198. technique, 199. underneath, 200. fascination, 201. cluster, 202. cortex, 203. neocortex, 204. handle, 205. undertake, 206. framework, 207. quantitative, 208. fragment

209. eff_____ent crystals *adj.* relating to the process of flowering or blooming; characterized by the formation of a powdery or crystalline deposit on the surface of a material due to the evaporation of water or other solvents
210. a weather ch__t *n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea
211. a fatal in___y *n.* harm done to a person's or an animal's body caused by an accident or an attack
212. hu____g bird *adj.* producing a continuous, low, vibrating sound like that of the bee
213. a built-in diagnostic ro____e *n.* a usual or habitual way of doing things; a set sequence of steps, part of a larger computer program
214. psy_____ic hospital *adj.* of or relating to the treatment or study of mental illness or disorders
215. co_____te to the size *v.* to have a connection or relationship in which one thing affects or depends on another
216. a man of imp_____ce *n.* the quality of being important and worthy of note
217. just a ha_____l of participants *n.* a small quantity or number, usually referring to the amount that can be held in one hand; a person or thing that is difficult to control or manage

ANSWERS: 209. efflorescent, 210. chart, 211. injury, 212. humming, 213. routine, 214. psychiatric, 215. correlate, 216. importance, 217. handful

218. an ar__y of troops *n.* a large group or collection of things or people, especially one that is impressive or attractive
219. en___e data *v.* to convert information into a code or format suitable for storage or transmission
220. ast_____ma tumor *n.* a type of brain tumor that develops from abnormal glial cells called astrocytes
221. a ge_____c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
222. sit up_____t in a chair *adj.* perpendicular to a horizontal surface or line; (adverb) in a vertical position
223. our school un_____m *adj.* always the same; showing a single form or character in all occurrences; (noun) the special set of clothes worn by members of a particular group as a means of identification
224. 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
225. con_____te to society *v.* to give something, especially money or goods, to provide or achieve something together with other people
226. st_____ng water *adj.* existing or remaining upright; having a vertical position; (noun) social, financial, or professional status or reputation
227. op_____ze a process *v.* to make the best or most effective use of something

ANSWERS: 218. array, 219. encode, 220. astrocytoma, 221. genetic, 222. upright, 223. uniform, 224. discovery, 225. contribute, 226. standing, 227. optimize

228. hi_____ht an important difference *v.* to make something prominent, mainly so that people give it more attention
229. a two-dimensional ar__y *n.* a large group or collection of things or people, especially one that is impressive or attractive
230. molecular tox_____gy *n.* the study of poisonous substances and their effects on organisms, including humans
231. de___e a file *v.* to remove something, especially that has been written; to wipe out digitally or magnetically recorded information
232. the Italian fr_____er with Switzerland *n.* a border that separates two countries, or the area near this line
233. plastic co_____er *n.* a receptacle or object used to hold, store, or transport something; a large standardized metal box that is used for transporting goods by sea or land
234. naval ve___ls *n.* a ship or large boat
235. have a thick sk__l *n.* a bone framework that surrounds the brain and gives the head its shape
236. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
237. live in a cl_____r *n.* a group of similar things or people close together, often forming a distinct mass or unit
238. raise a f__t *n.* a hand with the fingers clenched tightly into the palm to form a hard rounded shape; an act of striking someone or something with the fist

ANSWERS: 228. highlight, 229. array, 230. toxicology, 231. delete, 232. frontier, 233. container, 234. vessel, 235. skull, 236. complexity, 237. cluster, 238. fist

239. dis_____te video content	<i>v.</i> to give something to a large number of individuals, or to spread or furnish something
240. mul_____al input device	<i>adj.</i> involving or using several ways of communication or expression
241. ob_____s reasons	<i>adj.</i> easy to see, discover or understand
242. a su___e poison	<i>adj.</i> not readily apparent or visible
243. one-to-one cor_____nce	<i>n.</i> the letters, emails, etc., especially official or business ones; the quality or state of being the same in amount, number, status
244. forensic tox_____gy	<i>n.</i> the study of poisonous substances and their effects on organisms, including humans
245. the te_____ue applied to construction	<i>n.</i> a particular way or art of doing something that needs skill
246. inc_____ly cheerful character	<i>adv.</i> in a way that is very difficult to believe; exceedingly or extremely
247. give silent co_____t	<i>n.</i> permission or agreement to do something, especially given by somebody in authority
248. an_____y of a country's collapse	<i>n.</i> the scientific study that deals with the physical structure of humans, animals, or plants
249. de___e this modification	<i>v.</i> to remove something, especially that has been written; to wipe out digitally or magnetically recorded information
250. pre_____te a global energy crisis	<i>v.</i> to cause something to happen suddenly or unexpectedly; to cause a solid substance to form from a dissolved liquid or gas by means of a chemical reaction or physical process

ANSWERS: 239. distribute, 240. multimodal, 241. obvious, 242. subtle, 243. correspondence, 244. toxicology, 245. technique, 246. incredibly, 247. consent, 248. anatomy, 249. delete, 250. precipitate

251. 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
252. pai_____sh icon *n.* a tool used for applying paint or other liquid substances to a surface, typically consisting of bristles or synthetic fibers attached to a handle
253. harmonic re_____ce *n.* a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things
254. increase sl_____ly *adv.* in a small degree or extent; a little
255. st__k dinner *n.* a thin slice of meat, typically beef, grilled or fried and served as a main dish
256. or__n bleeding *n.* a part of the body of an animal or plant that has a particular purpose and performs a specific job
257. in_____ve species *adj.* spreading very quickly, and often aggressively, and difficult to stop
258. a bac_____nd color *n.* the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem
259. in a coo_____ed manner *adj.* effectively arranged or organized so that all the parts work smoothly or systematically together

ANSWERS: 251. contribute, 252. paintbrush, 253. resonance, 254. slightly, 255. steak, 256. organ, 257. invasive, 258. background, 259. coordinated

260. a hu___e cottage *adj.* having or showing a modest or low estimate of one's quality or importance
261. deep pu___e *adj.* of a color intermediate between red and blue
262. cr_____ic apparatus *adj.* relating to the production, use, or storage of materials at very low temperatures, often below -150°C
263. pr_____be a drug *v.* (of a doctor) to advise and order the use of particular medicine or treatment for someone, especially in writing; to issue commands or orders for something
264. z__m lens *v.* to move along very quickly; (noun) the act of rising upward into the air
265. ha___ed the incident *v.* to deal with a situation, problem, or strong emotion
266. di_____e a letter to secretary *v.* to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded
267. p__p a secret out of success *v.* to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities
268. pr_____y school *adj.* first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle
269. a good au_____ry memory *adj.* of or relating to hearing or the ability to hear

ANSWERS: 260. humble, 261. purple, 262. cryogenic, 263. prescribe, 264. zoom, 265. handle, 266. dictate, 267. pump, 268. primary, 269. auditory

270. temporary me_____l treatment *adj.* relating to the treatment of illness or injuries; relating to the practice of medicine
271. connecting the d_ts *n.* a very small circular mark, especially one that is printed
272. cast a tra_____ion spell *n.* a complete change in form, nature, or appearance of someone or something
273. ant_____ant effect *n.* any of a class of drugs used to reduce feelings of sadness and worry
274. m__t the ice *v.* to turn from something solid into something soft or liquid as a result of heating
275. ro_____ly check *adv.* on a regular or habitual basis; in a manner that is customary or expected
276. de___e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
277. cro_____ion view *n.* a two-dimensional representation of a slice or portion of a three-dimensional object or structure, showing the internal arrangement and relationship of its parts; a sample or subset of a larger population or entity that allows insight into its characteristics or behavior
278. ne___n cell body *n.* a cell that is specialized to carry information within the brain and between the brain and other parts of the body

ANSWERS: 270. medical, 271. dot, 272. transformation, 273. antidepressant, 274. melt, 275. routinely, 276. degree, 277. cross-section, 278. neuron

279. pr____le outcome *adj.* likely to happen or likely to be true
280. consistency cr____ia *n.* (plural of criterion) standards or conditions by which something may be judged or decided
281. 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
282. une_____ed cave *adj.* not yet examined, investigated, or studied; lacking in knowledge or information; unknown or undiscovered
283. re__r to a map *v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support
284. at inc_____le speed *adj.* unbelievable; enormous
285. sl__e a card across the table *v.* to move or cause to move smoothly along a surface without interruption
286. lack of ox____n *n.* the chemical element with the symbol O that is present in air and water and is necessary for people, animals, and plants to live
287. secret s__t *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
288. financial sc____e *n.* a person who writes out copies of documents or manuscripts, especially in ancient times

ANSWERS: 279. probable, 280. criteria, 281. protein, 282. unexplored, 283. refer, 284. incredible, 285. slide, 286. oxygen, 287. sect, 288. scribe

289. involvement of the hip_____us *n.* a major component of the brain of humans and other vertebrates that is part of the limbic system and is vital for memory
290. mul_____al approach *adj.* involving or using several ways of communication or expression
291. people with psy_____ic disorders *adj.* of or relating to the treatment or study of mental illness or disorders
292. loss of muscle ti____e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
293. emphasize ind_____ity *n.* the qualities or characters that distinguish a particular person or thing from others of the same kind
294. qua_____ive analysis *adj.* relating to, measuring, or expressing in terms of quantity; involving numerical or statistical data
295. ou_____e the findings *v.* to describe the main facts or aspects involved in something
296. a con_____us row of warehouses *adj.* occurring or existing without a pause or interruption
297. development of cer_____um *n.* the part of the brain at the back of the head that plays an important role in motor control, balance, and coordination
298. a bu__h of trees *n.* a grouping of several similar things which are growing or fastened together
299. su__t selection *n.* a set of things that are contained within another larger set; a portion or division of a group or category

ANSWERS: 289. hippocampus, 290. multimodal, 291. psychiatric, 292. tissue, 293. individuality, 294. quantitative, 295. outline, 296. continuous, 297. cerebellum, 298. bunch, 299. subset

300. aw__t a decision *v.* to wait or stay ready for something; to expect or anticipate something
301. sequencing of the human ge___e *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
302. beauty s__t *n.* a particular location or place; a small round or roundish area, differing in color or feels from the surface around it
303. ex_____e the data studiously *v.* to study or consider a person or object attentively and thoroughly to learn something about them
304. pai_____sh stroke *n.* a tool used for applying paint or other liquid substances to a surface, typically consisting of bristles or synthetic fibers attached to a handle
305. co_____er ship *n.* a receptacle or object used to hold, store, or transport something; a large standardized metal box that is used for transporting goods by sea or land
306. la___e blood pressure *adj.* easily or readily undergoing change, instability, or varying states; having a tendency to be unstable or changeable
307. as__y the protein *v.* to analyze or test a substance for its chemical composition or its quantity; to attempt or try something
308. a un___e teacher *adj.* being the only one of its kind; unlike anything else
309. und_____red territory *adj.* not yet found or known
310. the inland of a co_____nt *n.* one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex

ANSWERS: 300. await, 301. genome, 302. spot, 303. examine, 304. paintbrush, 305. container, 306. labile, 307. assay, 308. unique, 309. undiscovered, 310. continent

311. tr_____er a file *v.* to move, pass, or change from one person, place, or situation to another
312. have ge_____c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
313. an elevator op_____or *n.* a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations
314. new design el_____ts *n.* a fundamental or essential part of something
315. wo_____p procedure *n.* a thorough examination, analysis, or assessment of a patient's medical condition or a situation, typically involving various diagnostic procedures, tests, or investigations; a comprehensive evaluation or preparation
316. st_____re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
317. deputy pr___e minister *adj.* main or most important; basic; (prime number, noun) a natural number greater than 1 that cannot be formed by multiplying two smaller natural numbers (e.g., 2, 3, 5, 7, 11 and 13)
318. pu___y hydrogen gas *v.* to remove harmful substances from something and increase the concentration of it
319. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected

ANSWERS: 311. transfer, 312. genetic, 313. operator, 314. element, 315. work-up, 316. structure, 317. prime, 318. purify, 319. fundamental

320. co_____t for surgery *n.* permission or agreement to do something, especially given by somebody in authority
321. pre_____te a reaction *v.* to cause something to happen suddenly or unexpectedly; to cause a solid substance to form from a dissolved liquid or gas by means of a chemical reaction or physical process
322. un___e design *adj.* being the only one of its kind; unlike anything else
323. ty_____l leader *adj.* having the usual characteristics or traits of a specific group of things
324. 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
325. high-grade ast_____ma *n.* a type of brain tumor that develops from abnormal glial cells called astrocytes
326. without in___y *n.* harm done to a person's or an animal's body caused by an accident or an attack
327. 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
328. fin_____nt identification *n.* a unique pattern of ridges and valleys on the surface of a finger that can be used to identify a person
329. va_____ar surgery *adj.* of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body

ANSWERS: 320. consent, 321. precipitate, 322. unique, 323. typical, 324. bind, 325. astrocytoma, 326. injury, 327. stain, 328. fingerprint, 329. vascular

330. a precise mea_____nt *n.* the act or process of finding something's size, quantity, or degree
331. dis_____on specimen *n.* the act or process of cutting up or dividing something to examine it
332. gl_____y god *v.* to praise or honor something or someone, often in an exaggerated or overly positive way; to elevate or exalt something or someone to a higher status or position
333. con_____ion bias *n.* a statement, often written, that shows that something is true, correct, or definite
334. une_____ed ideas *adj.* not yet examined, investigated, or studied; lacking in knowledge or information; unknown or undiscovered
335. an_____e a chemical compound *v.* to think about in-depth and evaluate to discover essential features or meaning
336. a private ind_____al *n.* a single person or thing, as distinct from a group
337. in_____e a lot of paperwork *v.* to include or affect someone or something as a necessary part of something else
338. rechargeable lithium-i_n battery *n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons
339. und_____th the surface of the water *adv.* under or below something else
340. hu_____g sound *adj.* producing a continuous, low, vibrating sound like that of the bee

ANSWERS: 330. measurement, 331. dissection, 332. glorify, 333. confirmation, 334. unexplored, 335. analyze, 336. individual, 337. involve, 338. ion, 339. underneath, 340. humming

341. la____y accepted *adv.* virtually entirely; to a large degree
342. mi___n measurements *n.* a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms
343. an old_____ned person *adj.* of or relating to a time in the past; not modern
344. an und_____ng cause of an accident *adj.* significant as a cause or basis of something but not immediately apparent or stated clearly
345. use cell phone rep_____ly *adv.* again and again; many times
346. un_____ke routine duties *v.* to do or begin to do something, such as an enterprise or responsibility
347. 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
348. fin_____nt at a crime scene *n.* a unique pattern of ridges and valleys on the surface of a finger that can be used to identify a person
349. se_____in drug *n.* a neurotransmitter (= a chemical that carries nerve impulses) involved in, e.g., sleep, emotion, and memory
350. di_____on of lightning *n.* a spreading motion in multiple directions
351. a c__e about the crime *n.* an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery

ANSWERS: 341. largely, 342. micron, 343. old-fashioned, 344. underlying, 345. repeatedly, 346. undertake, 347. bind, 348. fingerprint, 349. serotonin, 350. diffusion, 351. clue

352. act as a dec_____ker
n. a person who makes important decisions, especially at a high level in an organization
353. your ind_____ity
n. the qualities or characters that distinguish a particular person or thing from others of the same kind
354. a ma_____ic tape
adj. having the properties of attracting or repelling certain materials containing iron or steel
355. bio_____al reaction
adj. relating to the chemical processes and substances that occur within living organisms
356. ap_____d physics
adj. of or relating to a subject of study, especially a science, that is used in a practical way
357. pu____y the blood
v. to remove harmful substances from something and increase the concentration of it
358. the bl__e of a turbine
n. the flat part of a knife, weapon, or machine with a very thin edge used for cutting
359. mi____n imaging
n. a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms
360. medical l_b
n. a workplace for the conduct of scientific research; a laboratory
361. de_____on authority
n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options

ANSWERS: 352. decision-maker, 353. individuality, 354. magnetic, 355. biochemical, 356. applied, 357. purify, 358. blade, 359. micron, 360. lab, 361. decision

362. di___r according to species *v.* to be not like someone or something in some way
363. fun_____al rights *adj.* forming an essential base or core from which everything else develops or is affected
364. get ne_____s *adj.* worried and anxious about something; relating to the nerves
365. a GPS sa_____te *n.* an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
366. make an ex_____on *n.* something that is not included in a general rule or pattern; a person or thing that is excluded or stands apart from others
367. la___e emotions *adj.* easily or readily undergoing change, instability, or varying states; having a tendency to be unstable or changeable
368. permanent br__n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
369. labor pop_____on *n.* the total number of people in a country, region, or location
370. in_____ce a child's future *n.* the ability to affect someone's or something's character, growth, or behavior, or the effect itself
371. ap_____d research *adj.* of or relating to a subject of study, especially a science, that is used in a practical way

ANSWERS: 362. differ, 363. fundamental, 364. nervous, 365. satellite, 366. exception, 367. labile, 368. brain, 369. population, 370. influence, 371. applied

372. la__r printer *n.* a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
373. 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.
374. cover acc_____al damage *adj.* happening or existing by chance or unintentionally
375. co_____te closely with the quality *v.* to have a connection or relationship in which one thing affects or depends on another
376. a sl__e of the company's revenue *n.* a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting
377. immune fu_____on *n.* the purpose or use of an object, system, or process; a particular activity or operation that is designed to serve a specific purpose; a mathematical concept that describes a relationship between two sets of values, called the input and output sets; (verb) to operate or work in a specific way, or to perform a particular task or purpose
378. new hy___d system *adj.* composed of different elements or mixed characters
379. electron mic_____pe *n.* an instrument used to see objects or substances that are too small to be seen with the naked eye

ANSWERS: 372. laser, 373. gene, 374. accidental, 375. correlate, 376. slice, 377. function, 378. hybrid, 379. microscope

380. do l__g transplantation *n.* either of the two organs in the chest that people and some animals use for breathing
381. gene va_____on *n.* the act or state of changing; a difference or change in the way something is done, made or said
382. 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
383. a statistical ch__t *n.* a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea
384. a selfish de_____on *n.* the act or process of making up someone's mind about something; a choice or judgment reached after considering options
385. the tra_____ion of a tadpole into a frog *n.* a complete change in form, nature, or appearance of someone or something
386. chest mea_____nt *n.* the act or process of finding something's size, quantity, or degree
387. ca___l chain *adj.* relating to or indicating a cause or the relationship between causes and effects; resulting from a cause

ANSWERS: 380. lung, 381. variation, 382. process, 383. chart, 384. decision, 385. transformation, 386. measurement, 387. causal

388. damage to internal or__ns	<i>n.</i>	a part of the body of an animal or plant that has a particular purpose and performs a specific job
389. op_____ze control for cooling	<i>v.</i>	to make the best or most effective use of something
390. se_____in levels	<i>n.</i>	a neurotransmitter (= a chemical that carries nerve impulses) involved in, e.g., sleep, emotion, and memory
391. complex bio_____al	<i>adj.</i>	relating to the chemical processes and substances that occur within living organisms
392. fr_____er disputes	<i>n.</i>	a border that separates two countries, or the area near this line
393. an und_____ng motive	<i>adj.</i>	significant as a cause or basis of something but not immediately apparent or stated clearly
394. development of the ne_____s system	<i>adj.</i>	worried and anxious about something; relating to the nerves
395. au_____ry system	<i>adj.</i>	of or relating to hearing or the ability to hear
396. in_____ce the daily life	<i>n.</i>	the ability to affect someone's or something's character, growth, or behavior, or the effect itself
397. an ant_____ant drug	<i>n.</i>	any of a class of drugs used to reduce feelings of sadness and worry
398. hi_____ht a string in red	<i>v.</i>	to make something prominent, mainly so that people give it more attention
399. ex_____e the issue	<i>v.</i>	to study or consider a person or object attentively and thoroughly to learn something about them

ANSWERS: 388. organ, 389. optimize, 390. serotonin, 391. biochemical, 392. frontier, 393. underlying, 394. nervous, 395. auditory, 396. influence, 397. antidepressant, 398. highlight, 399. examine

400. re____t display *n.* a display of information or data, often in numerical or digital form, that provides a readout of measurements, quantities, or other aspects of a process or system
401. proper su____t *n.* a set of things that are contained within another larger set; a portion or division of a group or category
402. rep____ly *adv.* again and again; many times

ANSWERS: 400. readout, 401. subset, 402. repeatedly

Session 3: Fill in the Blanks

1. Military technology eventually became the foundation for _____ technology that supported people's lives.
adj. of or relating to a subject of study, especially a science, that is used in a practical way
2. I _____ to him that I had seen his sister at the grocery store earlier that day.
v. to speak or write about something or someone briefly
3. 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
4. I stopped by the branch though I have no business of _____.
n. the quality of being important and worthy of note
5. Her response revealed _____ idiocy.
adj. unbelievable; enormous
6. Young people in this country should _____ military duties.
v. to do or begin to do something, such as an enterprise or responsibility
7. The teacher attempted to _____ the root cause of our mistake.
v. to think about in-depth and evaluate to discover essential features or meaning
8. In just four years, the _____ has doubled.
n. the total number of people in a country, region, or location

ANSWERS: 1. applied, 2. mentioned, 3. process, 4. importance, 5. incredible, 6. undertake, 7. analyze, 8. population

9. The _____ transportation system included trains, buses, and bikes.
adj. involving or using several ways of communication or expression
10. 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
11. The chemical _____ of the new drug was a breakthrough in medical research.
n. the combination of components or elements to form a more complex whole; the creation of something new through combining parts or elements
12. Archaeologists found a Neanderthal _____ at that historic site.
n. a bone framework that surrounds the brain and gives the head its shape
13. The _____ of the machine must follow strict safety protocols.
n. a person who uses and controls machinery or equipment; a mathematical symbol used to perform calculations
14. She stood on the podium and _____ an audience.
v. to examine something hastily, with the eyes or with a machine, to get information
15. The _____ of his discovery cannot be overstated.
n. the importance or value attached to something; the quality of being significant or noteworthy
16. The body needs a certain amount of _____ to build and repair tissues.
n. a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

ANSWERS: 9. multimodal, 10. brain, 11. synthesis, 12. skull, 13. operator, 14. scanned, 15. significance, 16. protein

17. The wallpaper had a pattern of pink _____ on a white surface.
n. a very small circular mark, especially one that is printed
18. 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
19. Jockey's superior _____ brought him victory.
n. a particular way or art of doing something that needs skill
20. This page _____ our response planning for an emergency.
v. to describe the main facts or aspects involved in something
21. The Prime Minister will pay a courtesy visit to the Nobel laureate's _____.
n. a workplace for the conduct of scientific research; a laboratory
22. The singer's voice filled the auditorium with beautiful _____.
n. a deep, full, or reverberating sound or tone; a quality or feeling of a particular emotional or mental vibration or significance; a mutual or sympathetic connection or correspondence between two things
23. The _____ is crucial for learning and memory storage.
n. a major component of the brain of humans and other vertebrates that is part of the limbic system and is vital for memory
24. Natural selection is an essential _____ in Darwin's theory of evolution.
n. a fundamental or essential part of something

ANSWERS: 17. dots, 18. function, 19. technique, 20. outlines, 21. lab, 22. resonance, 23. hippocampus, 24. element

25. The company holds patents on core components of _____ jet printers.
n. a device that emits powerful and narrow light that can be used as a tool to cut metal through a process of optical amplification
26. The archaeologist carefully pieced together the tiny _____ of pottery found at the dig site.
n. a small piece or part broken off or detached
27. I'm going to take the _____ to get to my destination faster.
n. a main road, especially one connecting major towns or cities
28. The computer screen displayed nothing but a _____ white screen
adj. without any writing or printing; empty or devoid of ideas, information, or meaning; unable to remember or recall information
29. The bookcase was _____ against the wall.
adj. perpendicular to a horizontal surface or line; (adverb) in a vertical position
30. Her resistance _____ under his persuasion.
v. to turn from something solid into something soft or liquid as a result of heating
31. The _____ patient was experiencing severe auditory hallucinations.
n. a severe mental disorder in which a person has a distorted view of reality and may experience hallucinations, delusions, and disordered thinking and behavior
32. His membership in the _____ provided him with numerous benefits.
n. a people or groups of people who have joined in a single organization together for a particular purpose; a social or business connection or relationship

ANSWERS: 25. laser, 26. fragments, 27. highway, 28. blank, 29. upright, 30. melted, 31. schizophrenia, 32. association

33. They needed further _____ to perform their duties efficiently.
n. detailed direction, order, etc., on how to do or use something
34. One bad apple spoils the whole _____.
n. a grouping of several similar things which are growing or fastened together
35. The cerebral _____ is responsible for higher brain functions such as decision-making and problem-solving.
n. the part of the cerebral cortex that is responsible for higher brain functions such as conscious thought and decision-making
36. The doctor detected a blockage in the patient's _____ system.
adj. of or relating to blood vessels, especially the veins and arteries that carry blood throughout the body
37. Launching an artificial _____ contributed to the technological development of our country.
n. an electronic device that is sent up into space and moves around the Earth or another planet, used for gathering information or communicating by radio, television, etc.
38. Five miles is _____ similar to eight kilometers.
adv. approximately but not precisely; with a violent manner
39. A _____ of the employees will be trained in the new software program.
n. a set of things that are contained within another larger set; a portion or division of a group or category
40. They _____ conduct fire drills to ensure everyone in the building knows what to do in an emergency.
adv. on a regular or habitual basis; in a manner that is customary or expected

ANSWERS: 33. instruction, 34. bunch, 35. neocortex, 36. vascular, 37. satellite, 38. roughly, 39. subset, 40. routinely

41. The increased concentrat____ of hydrogen ions in an aqueous solution makes it more acidic.
- n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons
42. He suffers from _____ breakdowns.
- adj.* worried and anxious about something; relating to the nerves
43. These infections have the potential to impact practically every _____ system.
- n.* a part of the body of an animal or plant that has a particular purpose and performs a specific job
44. 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
45. The symptoms of an _____ can include headaches, seizures, and problems with balance or coordination.
- n.* a type of brain tumor that develops from abnormal glial cells called astrocytes
46. There are many _____ regions of the ocean that scientists hope to study soon.
- adj.* not yet examined, investigated, or studied; lacking in knowledge or information; unknown or undiscovered
47. He didn't meet all the _____ but he was hired anyway.
- n.* (plural of criterion) standards or conditions by which something may be judged or decided
48. If necessary, you can _____ the front seats forward.
- v.* to move or cause to move smoothly along a surface without interruption

ANSWERS: 41. ion, 42. nervous, 43. organ, 44. complexity, 45. astrocytoma, 46. unexplored, 47. criteria, 48. slide

49. After finishing the experiment, we conducted a thorough _____ to analyze the results.

- n.* a thorough examination, analysis, or assessment of a patient's medical condition or a situation, typically involving various diagnostic procedures, tests, or investigations; a comprehensive evaluation or preparation

50. The human brain contains both neurons and _____ cells.

- n.* a type of brain cell that supports and insulates neurons, provides nutrients to them, and helps to regulate their activity

51. My father is _____ in his thinking.

- adj.* of or relating to a time in the past; not modern

52. The _____ format provided a useful guide for creating the budget.

- n.* a pre-designed file or document used as a starting point for a particular application so that the format does not have to be created from scratch

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 _____ of the dancers on stage was graceful and elegant.

- n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

55. The _____ arrived in port the following day.

- n.* a ship or large boat

56. The _____ disease can spread quickly and potentially cause a global pandemic.

- adj.* spreading very quickly, and often aggressively, and difficult to stop

ANSWERS: 49. work-up, 50. glia, 51. old-fashioned, 52. template, 53. contribute, 54. movement, 55. vessel, 56. invasive

57. Please _____ to the instruction manual for further assistance.

- v.* to direct someone's attention, thoughts, or questions to another source or person; to mention, cite, or allude to something as evidence or support

58. This weather pattern is unique to the southern _____.

- n.* half of the terrestrial globe; half of a sphere

59. The idea of skydiving can be _____ to some people.

- v.* to intimidate or discourage someone, often by making them feel afraid or uncertain; to lessen someone's courage, enthusiasm, or spirit

60. Her _____ accent made it difficult to take her seriously.

- adj.* influenced; feeling or showing emotion, especially exaggerated emotion; not natural or sincere

61. 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

62. After a thorough investigation, she has been named as the _____ suspect.

- adj.* main or most important; basic; (prime number, noun) a natural number greater than 1 that cannot be formed by multiplying two smaller natural numbers (e.g., 2, 3, 5, 7, 11 and 13)

63. The equipment is frequently used to _____ and distribute drinking water.

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

64. The _____ evaluation revealed that the patient had been suffering from anxiety.

- adj.* of or relating to the treatment or study of mental illness or disorders

ANSWERS: 57. refer, 58. hemisphere, 59. daunting, 60. affected, 61. pathway, 62. prime, 63. purify, 64. psychiatric

65. She has been taking _____ since her baby died.
n. any of a class of drugs used to reduce feelings of sadness and worry
66. The _____ nerve carries sound signals from the ear to the brain.
adj. of or relating to hearing or the ability to hear
67. 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
68. He claims that his legitimate requests were _____ ignored.
adv. again and again; many times
69. 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
70. The boxer clenched his _____ before throwing a punch.
n. a hand with the fingers clenched tightly into the palm to form a hard rounded shape; an act of striking someone or something with the fist
71. This system prevents _____ deletion of data.
adj. happening or existing by chance or unintentionally
72. 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.

ANSWERS: 65. antidepressants, 66. auditory, 67. structure, 68. repeatedly, 69. develop, 70. fist, 71. accidental, 72. gene

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

adj. likely to happen or likely to be true

74. The _____ research provided statistical evidence to support the hypothesis.

adj. relating to, measuring, or expressing in terms of quantity; involving numerical or statistical data

75. We all should learn how to _____ stress.

v. to deal with a situation, problem, or strong emotion

76. The allies _____ the terms of surrender to the country.

v. to state or give order with total authority; to say or read aloud for somebody else to write down or to be recorded

77. The introduction _____ the speaker's distinguished career as a consultant

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

78. The _____ force of the earth keeps our planet spinning.

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

79. This remote _____ is rarely visited.

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

80. The company's hiring criteria emphasize personality, not a person's _____.

n. the details of a person's social heritage, such as family, vocational or educational experience; past information that is essential to understanding a situation or problem

ANSWERS: 73. probable, 74. quantitative, 75. handle, 76. dictated, 77. highlighted, 78. magnetic, 79. spot, 80. background

81. He wandered the _____ between life and death by gunfire.

- n.* a real or imaginary line that marks the limit or extent of something and separates it from other things or places

82. There is a lot of _____ in the colors of flowers in the garden.

- n.* the act or state of changing; a difference or change in the way something is done, made or said

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

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

84. The _____ of the tree trunk showed its growth rings.

- n.* a two-dimensional representation of a slice or portion of a three-dimensional object or structure, showing the internal arrangement and relationship of its parts; a sample or subset of a larger population or entity that allows insight into its characteristics or behavior

85. 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

86. A _____ of grapes hung from the vine.

- n.* a group of similar things or people close together, often forming a distinct mass or unit

87. His estate was _____ to his sons.

- v.* to give something to a large number of individuals, or to spread or furnish something

ANSWERS: 81. boundary, 82. variation, 83. involves, 84. cross-section, 85. discovery, 86. cluster, 87. distributed

88. The sudden rainstorm will _____ flooding in low-lying areas.
v. to cause something to happen suddenly or unexpectedly; to cause a solid substance to form from a dissolved liquid or gas by means of a chemical reaction or physical process
89. A wealth of information does not always have a positive impact on _____.
n. a person who makes important decisions, especially at a high level in an organization
90. There are _____ differences between the two wine-producing regions.
adj. easy to see, discover or understand
91. The painting is _____ and there is no other like it.
adj. being the only one of its kind; unlike anything else
92. He moved his body _____ to the left.
adv. in a small degree or extent; a little
93. 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
94. The _____ skills were in high demand in medieval times, when many people were illiterate.
n. a person who writes out copies of documents or manuscripts, especially in ancient times
95. He was alert and could not _____ any critical information out of him.
v. to cause water, air, gas, etc. to move from one place to another by using mechanical equipment; to get or supply something such as money, information, etc. in significant quantities

ANSWERS: 88. precipitate, 89. decision-makers, 90. obvious, 91. unique, 92. slightly, 93. disease, 94. scribe's, 95. pump

96. The penny fell _____ the piano.

adv. under or below something else

97. My _____ was overwhelming and complicated, but it was also exciting.

n. a duty or task given to someone, usually as part of their job or studies

98. Our body transfers information along each _____ using an electrical impulse.

n. a cell that is specialized to carry information within the brain and between the brain and other parts of the body

99. She gave her _____ to the company's proposal.

n. permission or agreement to do something, especially given by somebody in authority

100. Due to the _____ of television and video, cinema theaters had a small audience.

n. a spreading motion in multiple directions

101. Animals transmit nerve impulses through _____.

n. the fact or state of failing to finish an activity and of stopping using, making, or doing it

102. The _____ compound must be kept at a specific temperature to maintain stability.

adj. easily or readily undergoing change, instability, or varying states; having a tendency to be unstable or changeable

103. The scientist conducted a study that provided _____ details about the species' behavior.

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

ANSWERS: 96. underneath, 97. assignment, 98. neuron, 99. consent, 100. diffusion, 101. synapses, 102. labile, 103. specific

104. The software can _____ and decode encrypted messages.

v. to convert information into a code or format suitable for storage or transmission

105. This pie _____ represents our market share.

n. a visual display of information such as a diagram, lists of figures, etc.; a map designed to assist navigation by air or sea

106. The _____ nature of the universe is a subject of much debate among scientists.

adj. of or relating to time as opposed to eternity

107. The medicine works by boosting _____ levels in the brain.

n. a neurotransmitter (= a chemical that carries nerve impulses) involved in, e.g., sleep, emotion, and memory

108. 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

109. This artwork is _____ of her work.

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

110. The police couldn't find a _____ to her whereabouts.

n. an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery

111. He devised a new analytical _____ to capture the phenomenon.

n. the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text

ANSWERS: 104. encode, 105. chart, 106. temporal, 107. serotonin, 108. decide, 109. typical, 110. clue, 111. framework

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

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

113. Religious leaders often _____ their messengers to encourage people to follow their teachings.

v. to praise or honor something or someone, often in an exaggerated or overly positive way; to elevate or exalt something or someone to a higher status or position

114. He _____ the 10th anniversary of his tenure.

v. to acknowledge a memorable or good day or event with a social gathering or enjoyable activity

115. 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

116. A famous artist painted the room in a _____ pink hue.

adj. not readily apparent or visible

117. The essence of economics is to _____ the allocation of limited resources.

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

118. We _____ the results of the election with bated breath.

v. to wait or stay ready for something; to expect or anticipate something

119. The _____ of water is called ice.

adj. hard or firm; characterized by good substantial quality

ANSWERS: 112. separate, 113. glorify, 114. celebrated, 115. individual, 116. subtle, 117. optimize, 118. await, 119. solid-state

120. The human _____ contains approximately three billion chemical base pairs.
n. the complete set or sequence of genes of a human, animal, plant, or other living things
121. She only had a _____ of pens left in her bag.
n. a small quantity or number, usually referring to the amount that can be held in one hand; a person or thing that is difficult to control or manage
122. Human females normally have two X _____.
n. a long and string-like DNA molecule containing the part or all of the genetic material of an organism that controls what an animal or plant is like
123. 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
124. The researcher separated the nervous _____ for microscopic examinations.
n. an ensemble of similar cells of the animal or plant that together carry out a specific function
125. She was struggling to make a _____ between two job offers.
n. the act or process of making up someone's mind about something; a choice or judgment reached after considering options
126. The _____ date for submitting applications was fast approaching.
n. a point or level beyond which something will not be tolerated or allowed; the act of stopping or interrupting the supply of something
127. The customer on the Internet has to choose one from a formidable _____ of products.
n. a large group or collection of things or people, especially one that is impressive or attractive

ANSWERS: 120. genome, 121. handful, 122. chromosomes, 123. bind, 124. tissue, 125. decision, 126. cutoff, 127. array

128. Necessity is the mother of _____.

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

129. The _____ muscle helps in controlling the movement of the vocal cords.

n. (of anatomy) a muscle that causes a part of the body to become tense or tight, thereby exerting a pulling or stretching force; (of physics) a mathematical object or vector that describes the direction and intensity of a physical force or quantity in a multi-dimensional space

130. The minority _____ believed in a set of unconventional religious practices.

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

131. _____ research is essential to understanding the complex chemical reactions in living organisms.

adj. relating to the chemical processes and substances that occur within living organisms

132. Human behavior has _____ characteristics.

adj. forming an essential base or core from which everything else develops or is affected

133. Several cities are experiencing _____ high unemployment rates.

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

134. The passenger grabbed for the _____ mask.

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

ANSWERS: 128. invention, 129. tensor, 130. sect, 131. Biochemical, 132. fundamental, 133. incredibly, 134. oxygen

135. The nobler, the more _____.

adj. having or showing a modest or low estimate of one's quality or importance

136. The _____ of frost on the ground was so thick it was difficult to walk on.

n. a sheet, quantity, or thickness of the material, typically one of several, covering a surface or body; a level or part within a system or set of ideas

137. The director gave the actor a ____ to begin the scene.

n. a signal, gesture, or action that provides information or direction for someone else to act or respond; a reminder or prompt for someone to do something

138. This country has a nationally _____ culture.

adj. always the same; showing a single form or character in all occurrences; (noun) the special set of clothes worn by members of a particular group as a means of identification

139. She studies gardening on a _____ basis.

n. a usual or habitual way of doing things; a set sequence of steps, part of a larger computer program

140. He worked at the _____ of behavioral economics.

n. a border that separates two countries, or the area near this line

141. He accumulated wealth across a _____ spectrum of assets.

adj. very wide; general

142. I looked at the painting in _____.

n. the state of being intensely interested in someone or something, or a powerful attraction

ANSWERS: 135. humble, 136. layer, 137. cue, 138. uniform, 139. routine, 140. frontier, 141. broad, 142. fascination

143. The room was only one _____ wider than the piano, making it a tight fit.
n. a unit of measurement of length in the metric system, equivalent to one-hundredth of a meter
144. The _____ report showed that the victim had high levels of poison in their system.
n. the study of poisonous substances and their effects on organisms, including humans
145. Flight across the _____ was a daring adventure in its day.
n. one of the earth's large landmasses; (adjective) abstaining from your feelings, especially your desire to have sex
146. She _____ the money from her savings account to her checking account.
v. to move, pass, or change from one person, place, or situation to another
147. For greater efficiency, our efforts must be better _____.
adj. effectively arranged or organized so that all the parts work smoothly or systematically together
148. An injury to the _____ can cause difficulty with walking, speaking, and maintaining posture.
n. the part of the brain at the back of the head that plays an important role in motor control, balance, and coordination
149. The mule is a _____ between a male donkey and a female horse.
adj. composed of different elements or mixed characters
150. Understanding protein folding is a vital step in deciphering the _____ code.
adj. of or relating to genes (= parts of the DNA in cells) or the science of genes

ANSWERS: 143. centimeter, 144. toxicology, 145. continent, 146. transferred, 147. coordinated, 148. cerebellum, 149. hybrid, 150. genetic

151. The _____ error of this industrial machine is less than one micrometer.
n. the act or process of finding something's size, quantity, or degree
152. This system uses submarine _____ to exchange information between continents.
n. a set of wires covered by plastic or rubber that carries electricity, phone signals, etc.; a solid thick rope made of twisted hemp or steel wire
153. He has terminal _____ cancer.
n. either of the two organs in the chest that people and some animals use for breathing
154. The jungle is full of _____ species waiting to be found.
adj. not yet found or known
155. We may frequently _____ age with the frequency of disease.
v. to have a connection or relationship in which one thing affects or depends on another
156. The _____ of the politician was a constant presence at campaign events.
n. a person's husband, wife, or partner in marriage
157. The study aimed to establish a _____ relationship between smoking and lung cancer.
adj. relating to or indicating a cause or the relationship between causes and effects; resulting from a cause
158. Understanding unitary _____ of a normal matrix require considerable mathematical sophistication.
n. a complete change in form, nature, or appearance of someone or something

ANSWERS: 151. measurement, 152. cables, 153. lung, 154. undiscovered, 155. correlate, 156. spouse, 157. causal, 158. transformations

159. The children complained because one _____ of cake was slightly larger than the other.
- n.* a flat, often thin, piece of bread, meat, cheese, etc., that has been cut from a larger piece; a wound made by cutting
160. He has a strong sense of _____.
- n.* the qualities or characters that distinguish a particular person or thing from others of the same kind
161. The heavy snow has been _____ since last morning.
- adj.* occurring or existing without a pause or interruption
162. The _____ storage tank kept the samples at -196°C to preserve them.
- adj.* relating to the production, use, or storage of materials at very low temperatures, often below -150°C
163. The world _____ showed me the locations of all the countries.
- n.* a book of maps or charts; a figure in Greek mythology who bore the weight of the world on his shoulders
164. Scientists must _____ the chemical properties of the new drug before using it on humans.
- v.* to analyze or test a substance for its chemical composition or its quantity; to attempt or try something
165. She used a flat _____ to apply the final touches to the artwork.
- n.* a tool used for applying paint or other liquid substances to a surface, typically consisting of bristles or synthetic fibers attached to a handle
166. The _____ cause of the accident was due to the icy road conditions.
- adj.* first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle

ANSWERS: 159. slice, 160. individuality, 161. continuous, 162. cryogenic, 163. atlas, 164. assay, 165. paintbrush, 166. primary

167. I used an optical _____ to observe the small organisms in the water sample.

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

168. The _____ concert was packed with fans.

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

169. The _____ principle of every business was identical.

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

170. The former emperor had a particular _____ even after he abdicated.

n. the ability to affect someone's or something's character, growth, or behavior, or the effect itself

171. The artist's _____ paintings were featured in the gallery's exhibition.

adj. relating to the process of flowering or blooming; characterized by the formation of a powdery or crystalline deposit on the surface of a material due to the evaporation of water or other solvents

172. He ordered a rare _____ for dinner.

n. a thin slice of meat, typically beef, grilled or fried and served as a main dish

173. Nevada is _____ a desert state.

adv. virtually entirely; to a large degree

174. The _____ of his appointment as CEO was met with mixed reactions.

n. a statement, often written, that shows that something is true, correct, or definite

ANSWERS: 167. microscope, 168. standing, 169. underlying, 170. influence, 171. efflorescent, 172. steak, 173. largely, 174. confirmation

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

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

176. Federal bankruptcy laws _____ the reorganization process.

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

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

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

178. 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

179. The _____ of the bees filled the air as she walked through the garden.

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

180. He _____ back in time to the soccer game.

v. to move along very quickly; (noun) the act of rising upward into the air

181. The plant has a stunning _____ blossom.

adj. of a color intermediate between red and blue

182. The restaurant uses large _____ to store its food ingredients.

n. a receptacle or object used to hold, store, or transport something; a large standardized metal box that is used for transporting goods by sea or land

183. She was the _____ to the rule, as she managed to graduate college in only two years.

n. something that is not included in a general rule or pattern; a person or thing that is excluded or stands apart from others

ANSWERS: 175. differed, 176. prescribed, 177. medical, 178. stained, 179. humming, 180. zoomed, 181. purple, 182. containers, 183. exception

184. The results of the two experiments were in _____.
- n.* the letters, emails, etc., especially official or business ones; the quality or state of being the same in amount, number, status
185. The _____ of molecules in steel changes significantly with temperature.
- n.* the arrangement or pattern of something or a group of related things
186. The police used a _____ scanner to identify the suspect.
- n.* a unique pattern of ridges and valleys on the surface of a finger that can be used to identify a person
187. Highlight the sentences that you want to _____.
- v.* to remove something, especially that has been written; to wipe out digitally or magnetically recorded information
188. The _____ of the frog revealed its internal anatomy.
- n.* the act or process of cutting up or dividing something to examine it
189. The entire mountain is covered in _____ rainforest.
- adj.* containing a large number of people or something with little space between them
190. Initially, we must _____ all project-related expenses.
- v.* to study or consider a person or object attentively and thoroughly to learn something about them
191. 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

ANSWERS: 184. correspondence, 185. configuration, 186. fingerprint, 187. delete, 188. dissection, 189. dense, 190. examine, 191. recognize

192. The systems we have developed has accepted as industry _____.
n. something that is regarded as usual, typical, or standard
193. The cerebral _____ consists of six layers.
n. the outermost layer of an organ, especially the brain
194. She received her _____ in psychology from the university.
n. a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
195. His body rejected the liver of the _____.
n. a person or an organization that makes a gift of money, food, supplies, etc. to a cause or fund; in medicine, a person who gives blood or tissue or an organ to be used in another person
196. The width of a single human hair is around 100 _____.
n. a unit of measurement equal to one-millionth of a meter, used for measuring the size of particles and microorganisms
197. My accidental _____ got better right away.
n. harm done to a person's or an animal's body caused by an accident or an attack
198. The professor explained the _____ of the nervous system.
n. the scientific study that deals with the physical structure of humans, animals, or plants
199. The _____ of the katana itself is still in excellent condition.
n. the flat part of a knife, weapon, or machine with a very thin edge used for cutting

ANSWERS: 192. norms, 193. cortex, 194. degree, 195. donor, 196. microns, 197. injury, 198. anatomy, 199. blade

200. The machine provided a digital _____ of my heart rate and oxygen levels.

n. a display of information or data, often in numerical or digital form, that provides a readout of measurements, quantities, or other aspects of a process or system

201. The _____ highway connects the major cities of the state.

adj. between or involving different states (= the territory occupied by one of the constituent administrative districts of a nation)

ANSWERS: 200. readout, 201. interstate