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Vocabulary Builder Reference from...

Tan Le: A headset that reads your brainwaves | TED Talk

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

All Words

IMPORTANT

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Session 1: Word List

communicate

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

synonym : convey, share, transmit

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

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

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

conscious

adj. being aware of and able to respond to what is happening around you

synonym : aware, cognizant, deliberate

(1) **conscious** effort, (2) **conscious** of having succeeded

He became **conscious** that he was being followed.

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.

robotic

adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and

engineering with the practical use of robots

synonym: automated, mechanical, laborsaving

(1) **robotic** arm, (2) **robotic** guide operation

The surgeon removed the tumor using **robotic** video assistance.

command

n. authority, control, or mastery over something, often referring to military or leadership contexts; a directive, order, or instruction; expertise or confidence in a specific area; (verb) to give an authoritative order or instruction, or to be in charge or control of something

synonym: control, authority, leadership

(1) **command** and control, (2) **command** a battery

The general gave a **command** to his troops to prepare for battle.

explicit

adj. stated clearly and in detail, leaving no room for confusion or doubt

synonym: clear, unambiguous, unequivocal

(1) **explicit** content, (2) **explicit** instructions

The movie had an **explicit** sex scene that some viewers might find offensive.

observe

v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

synonym: watch, monitor, scrutinize

(1) **observe** a tradition, (2) **observe** wildlife

It is important to **observe** safety procedures in the workplace to prevent accidents.

facial

adj. of or relating to a person's face

synonym: forward, front, surface

(1) **facial** nerve, (2) **facial** expressions

Facial profiling is a new form of airport security.

expression

n. the act of conveying thoughts, feelings, or ideas using words, facial expressions, body language, or art; a look or gesture that conveys a particular emotion or mood

synonym : statement, utterance, remark

(1) artistic **expression**, (2) **expression** of interest

His facial **expression** showed a mix of surprise and confusion.

intuit

v. to understand or know something instinctively or without conscious reasoning; to perceive or apprehend something immediately or intuitively

synonym : perceive, sense, grasp

(1) **intuit** the motive, (2) **intuit** a solution

From her experience with similar projects, she could **intuit** the most efficient way to complete the task.

emotion

n. a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others

synonym : feeling, sentiment, passion

(1) control my **emotion**, (2) afraid to show **emotion**

Some **emotions** are common across cultures and backgrounds.

dialogue

n. a conversation in a book, play, or film

synonym : conversation, discussion, talk

(1) Platonic **dialogues**, (2) the form of a **dialogue**

He recorded the **dialogue** at the time of the incident.

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**.

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.

vision

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

synonym : sight, image, concept

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

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

introduction

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

synonym : initiation, preamble, prologue

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

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

realm

n. a domain of activity, interest, or knowledge

synonym : domain, empire, kingdom

(1) public **realm**, (2) beyond the **realm** of possibility

Her passions are in the **realm** of real-world political affairs.

interaction

n. the act of connecting with someone, mainly when working, playing, or spending time with them

synonym : dealings, exchange, relations

(1) the **interaction** between man and his environment,

(2) **interaction** among human beings

The **interaction** of the two groups is good for brainstorming.

emotional

adj. relating to people's feelings

synonym :

affecting, impactful, impressive

(1) **emotional** health, (2) **emotional** distress

Human **emotional** responses vary widely depending on the society to which they belong.

interpret

v. to explain or assign the meaning of information, actions, etc.

synonym: decode, decipher, analyze

(1) **interpret** a graph, (2) **interpret** the question

Different people might **interpret** this news differently.

naturally

adv. as might be expected; by natural manners

synonym: by nature, inherently, intrinsically

(1) **naturally** arising, (2) **naturally** regenerated forest

He was **naturally** gifted.

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**.

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.

detection

n. the act of discovering or identifying the presence of something

synonym: discovery, identification, recognition

(1) **detection** by the security software, (2) importance of early **detection**

This smartphone has a collision **detection** function.

algorithm

n. a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation

synonym : logic, method, rule

(1) the RSA **algorithm**, (2) **algorithm** for image processing

We can evaluate the performance of an **algorithm** in terms of computation time.

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.

combine

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

synonym : coalesce, cohere, blend

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

(2) **combine** augmented reality

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

axon

n. a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell

(1) an **axon** of a nerve cell, (2) the **axon** terminals

We are developing a technology to promote the elongation and regeneration of sensory nerve **axons**.

interact

v. to communicate or react with somebody

synonym : cooperate, combine, collaborate

(1) **interact** directly with customers, (2) **interact** with one another

He should **interact** more with his colleagues.

chemical

adj. relating to or connected with chemistry;

synonym : chemic, synthetic

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

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

reaction

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

synonym : response, reply, answer

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

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

emit

v. to give off or send out something such as light, heat, sound, gas, etc.

synonym : give off, radiate, expel

(1) **emit** a gamma ray, (2) **emit** air pollution

During the unloading, the container box **emits** a clicking sound.

electrical

adj. relating to electricity

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

Actuators convert **electrical** pulses into motion.

impulse

n. a sudden strong and unreflective wish or need to do something; the electrical discharge that travels along a nerve fiber

synonym : stimulation, provocation, urge

(1) a combative **impulse**, (2) profound religious **impulses**

Nerve **impulses** cross a synapse through the action of neurotransmitters.

measured

adj. done with careful consideration or calculated precision; controlled or regulated in manner or speech; deliberate and thoughtful

synonym : calculated, deliberate, thought-out

(1) **measured** analysis, (2) **measured** tone of voice

Her **measured** response to the criticism showed her ability to remain calm and composed under pressure.

functional

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

synonym : applicable, practical, usable

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

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

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.

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.

cortical

adj. relating to or located in the outer layer of an organ or body structure, particularly the cortex of the brain

(1) **cortical** neurons, (2) **cortical** activity

The MRI showed activity in the **cortical** region of the patient's brain.

folding

adj. capable of being folded or bent; having one or more sections that can be folded or collapsed for easier storage or transportation

synonym : foldable, collapsible, bendable

(1) **folding** knife, (2) **folding** table

The **folding** chairs were easy to set up and take down for the event.

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.

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.

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.

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.

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.

locate

v. to specify or determine the exact position of someone or something

synonym : discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

identical

adj. being the exact same one

synonym : duplicate, exact, analogous

(1) pair of **identical** twins, (2) an **identical** equation
Infant formulas are nutritionally almost **identical** to a mother's breast milk.

twin

n. either of two children born at the same time from the same mother

(1) a **twin-lens** camera, (2) a **twin** room

Its **twin** brothers are difficult to tell apart except for their parents.

consistency

n. the quality of acting or being done in the same way over time; the quality of not containing any logical contradictions

synonym: thickness, firmness, regularity

(1) lack **consistency**, (2) **consistency** of results

There's no **consistency** in his arguments.

breakthrough

n. a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

synonym: advance, progress, innovation

(1) **breakthrough** in the negotiations, (2) **breakthrough** discovery

A technique called deep learning has led to **breakthroughs** in AI.

unfold

v. to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown

synonym: open, spread out, expose

(1) **unfold** the story, (2) **unfold** the stroller

The mystery **unfolded** as the detectives gathered more clues.

capable

adj. having the ability, skill, or potential to do something; competent or proficient in a particular task or area of expertise

synonym : able, competent, proficient

(1) **capable** worker, (2) **capable** leader

She is highly **capable** of handling multiple tasks at once.

mass

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

synonym : abundance, crowd, mob

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

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

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.

device

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

synonym : gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

brainwave

n. a sudden idea or inspiration; a moment of great insight or creativity

synonym : inspiration, brainstorm, revelation

(1) **brainwave** idea, (2) sudden **brainwave**

The engineer had a **brainwave** and redesigned the product to be more efficient.

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.

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.

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.

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.

sensor

n. a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner

synonym: detector

(1) motion **sensor** lighting, (2) an image **sensor**

This automatic door could no longer be opened due to a **sensor** failure.

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.

electrode

n. either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region

(1) platinum **electrodes**, (2) **electrode** corrosion

It is important to place the **electrodes** in the correct position for accurate electro-cardiogram recording.

scalp

n. the skin that covers the top of a person's head, together with the hair growing on it; also, the part of the body that is most vulnerable to an attack

synonym: hair cover, pelt, epidermis

(1) **scalp** massage, (2) **scalp** condition

I have an itchy **scalp** and need to switch to a different shampoo.

conductivity

n. the quality of a material's ability to conduct electricity, heat, etc.

synonym: conduction

(1) low **conductivity**, (2) electrical **conductivity**

High thermal **conductivity** is also essential for the exterior of the machine.

gel

n. a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid

synonym: jelly, goo, paste

(1) **gel** nail polish, (2) antibacterial **gel**

I must use hair **gel** to style my hair for the job interview.

pastry

n. a type of baked pastry that typically consists of a filling of meat, vegetables, or other ingredients, enclosed in a pastry shell; (adjective) pale, lacking in color, or dull

synonym: pastry, pie

(1) **pasty** face, (2) Cornish **pasty**

I plan to pick up a chicken **pasty** at that bakery on my way home from work.

procedure

n. a way of doing something, especially the official or well-known way

synonym: action, approach, course

(1) undergo a surgical **procedure**, (2) standard **procedure**

The pilot and flight attendant ran through the check-out **procedure**.

abrasion

n. the process of scraping or wearing away of a surface or substance through friction or erosion

synonym: scrape, scratch, graze

(1) skin **abrasions**, (2) protect against **abrasions**

The surface of the wooden table had several **abrasions** from years of use.

consume

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

synonym: absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity

A smaller car will **consume** less fuel.

doll

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

synonym: puppet, dolly, toy

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

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

invite

v. to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place

synonym: ask, request, summon

(1) **invite** guests, (2) **invite** criticism

We want to **invite** you to our annual charity event.

onstage

adv. onto or on a stage in a theater; in front of an audience

(1) appeared **onstage**, (2) walk **onstage**

He performed his magic trick **onstage**, leaving the audience in awe.

grant

v. to agree to give or allow somebody

synonym: allocate, authorize, give

(1) **grant** a new license, (2) **grant** a land

The chairperson **granted** him the right to speak.

demonstrate

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

synonym: show, illustrate, display

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

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

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.

fidelity

n. faithfulness to a person, cause, or thing; loyalty or devotion to a duty or obligation; accuracy or exactness in reproducing or representing something

synonym: loyalty, devotion, allegiance

(1) **fidelity** guarantee deposit, (2) high **fidelity** music

The couple promised each other **fidelity** in their marriage vows.

acquisition

n. the act of getting something, usually through purchase, negotiation, or effort

synonym: purchase, possession, obtaining

(1) merger and **acquisition**, (2) **acquisition** process
The company's latest **acquisition** of a rival firm has dramatically expanded its market share.

preparation

n. the activity of getting ready for something or making something ready

synonym: practice, trial, rehearsal

(1) a **preparation** program, (2) the **preparation** of meals
He helped me with the **preparation** of this book.

settle

v. to reach an agreement of disagreement

synonym: inhabit, occupy, decide

(1) **settle** a dispute, (2) **settle** down in the town
I don't want to **settle** for second best.

wireless

adj. of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals

synonym: cordless, radio

(1) **wireless** access, (2) **wireless** charging

The office's **wireless** network allows employees to work from anywhere in the building.

tradition

n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

synonym: custom, practice, ritual

(1) a **tradition** of a culture, (2) against **tradition**

It is a **tradition** in many families to have a big Thanksgiving dinner with all their relatives.

headset

n. a pair of headphones, typically with a microphone attached

(1) **headset** with a microphone, (2) noise reduction **headset**

Professional game players pay the latest attention to the sound quality of their **headsets**.

sensitivity

n. the ability to perceive or respond to subtle differences or changes; the ability to understand and respond to the needs and feelings of others

synonym : alertness, attentiveness, sympathy

(1) **sensitivity** analysis, (2) become full of **sensitivity**

The instrument has a high **sensitivity** to temperature changes.

adjustment

n. a small change or movement made to something to improve it and achieve the desired result

synonym : alteration, adaptation, modification

(1) **adjustment** by hand, (2) a fine **adjustment**

He assumed the role of the arbitral **adjustment** of the controversy.

personalize

v. to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something

synonym : customize, individualize, tailor

(1) **personalize** social media profile, (2) **personalize** my workspace

I like to **personalize** my phone case with a picture of my dog.

cognitive

adj. of or relating to mental processes of understanding

synonym : perceivable, mind, mental

(1) improve **cognitive** function, (2) research on **cognitive** psychology

His **cognitive** faculties were getting worse because of a lack of sleep.

suite

n. a set of rooms designated for a particular purpose or activity, especially a set of rooms in a hotel or private residence used as a living unit; a musical composition of several movements only loosely connected; the group following and attending to some important person

synonym : set, series, collection

(1) **suite** room, (2) **suite** of products

The presidential **suite** is the most luxurious room in the hotel.

virtual

adj. being actually such in almost every respect; existing in essence or effect though not in actual fact

synonym : practical

(1) a **virtual** image, (2) trading of **virtual** currencies

She is the **virtual** president of the company.

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.

neutral

adj. not helping or assisting either side in a conflict, argument, etc.

synonym : impartial, uninvolved, halfhearted

(1) permanently **neutral** country, (2) **neutral** colors

A legislative speaker should always be **neutral**.

relax

v. to become or cause someone to become less active or tense and calmer

synonym : soften, comfort, soothe

(1) **relax** a series of muscles, (2) **relax** at home

The rules were **relaxed** after the new executive arrived.

baseline

n. a starting point or minimum for comparing facts; the back line bounding each end of a tennis or handball court

synonym : standard, criterion

(1) **baseline** budget, (2) establish a **baseline**

The products they sell are the **baseline** for performance in the industry.

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**.

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.

visualize

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

synonym : imagine, picture, envision

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

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

tan

v. to become brown as a result of exposure to the sun

synonym : brown, sunburn

(1) **tan** after sun exposure, (2) **tan** poorly

She spent the whole summer **tanning** on the beach.

progression

n. the act or process of changing to the next stage or phase or moving forward

synonym : advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease

The company has made great strides in its **progression** toward sustainability.

scroll

n. a long roll of paper containing writing; (verb) to move through text or graphics on a screen to view different parts of them

synonym :

manuscript, document, parchment

(1) roll up a **scroll**, (2) **scroll** through a document

The house owner loved the large hanging **scroll** in the guest room.

maintain

v. to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

synonym: preserve, uphold, sustain

(1) **maintain** order, (2) **maintain** good health

I need to **maintain** my car regularly to prevent any major mechanical issues.

duration

n. the length of time something lasts or continues

synonym: period, span, course

(1) the **duration** of insurance, (2) short **duration**

The military incarcerated him for the **duration** of the war.

cube

n. a three-dimensional shape with six square faces that are all equal in size; (of mathematics) the result of multiplying the number by itself three times

synonym: block, square, cell

(1) **cube** root, (2) ice **cube**

I cut the cheese into small **cubes** for the salad.

amazing

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

synonym: exceptional, extraordinary, wonderful

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

The golfer recorded an **amazing** distance.

disappear

v. to cease to exist or be visible

synonym: fade, evaporate, vanish

(1) **disappear** without a trace, (2) **disappear** after a week

They watched the train **disappear** into the distance.

analogy

n. a comparison between similar things that have similar aspects, often used to help explain a principle or concept

synonym: metaphor, comparison, parallel

(1) draw **analogy**, (2) historical **analogy**

Some kinds of machine learning models show an **analogy** to how people learn.

fade

v. to vanish; to fade away; to lose color; to lose freshness

synonym: languish, wither

(1) **fade** away almost completely, (2) **fade** in importance

My memory will **fade**, but my heart will live on.

drill

n. a tool or machine used for making round holes or driving fasteners; a training or practice

synonym: exercise, routine, training

(1) the **drill** hit the well, (2) fire **drill**

Several military **drill** programs have become popular methods of exercise.

concentration

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

synonym: attention, engagement, assiduity

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

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

software

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

synonym: program, system, operating system

(1) **software** architect, (2) copyrighted **software**

The company specializes in both hardware and **software**.

instance

n. a particular example or single occurrence of something

synonym: example, sample, illustration

(1) for **instance**, (2) notable **instance**

These articles cite five **instances** of climate change.

differentiate

v. to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative

synonym: discern, distinguish, separate

(1) **differentiate** between fact and fiction, (2) **differentiate** a function

The teacher asked the students to **differentiate** between the two similar species of birds.

distinct

adj. noticeable from something else of a similar type

synonym: different, special, characteristic

(1) **distinct** difference, (2) **distinct** from each other

It is essential to keep these two issues **distinct**.

assign

v. to give a specific job or piece of work to a someone

synonym: entrust, delegate, designate

(1) **assign** projects, (2) **assign** top priority

Please **assign** a different color to each other kind of item.

compute

v. to make a mathematical calculation

synonym: calculate

(1) **compute** an average score, (2) **compute** the value

I tried to **compute** the efficiency of the investment.

platform

n. the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed

synonym: stage, podium, forum

(1) an arrival **platform**, (2) a digital **platform** for enterprise

The speaker mounted the **platform** and started to speak.

interface

n. (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common

boundary between two things

synonym : junction, surface, UI

(1) **interface** between gas and liquid, (2) the user **interface**

Detergent weakens the surface tension at the **interface** of two liquids.

intuitive

adj. obtained through feelings rather than facts or proof

synonym : involuntary, instinctive, innate

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

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

avatar

n. (the concept in Hinduism) a god appearing in human or superhuman or animal form; a graphical representation of a user or the user's character or persona in online games, chat rooms, etc.

synonym : embodiment, expression, apotheosis

(1) digital **avatar**, (2) the **avatar** of the authority

A person's cyberspace **avatar** often represents the appearance and behavior that the person wants to be.

fantasy

n. a fiction with a large amount of imagination in it; a pleasant situation that you imagine but that is unlikely to happen

synonym : fiction, illusion, fabrication

(1) **fantasy** novel, (2) confuse **fantasy** with reality

Composition by artificial intelligence is no longer a **fantasy**.

magic

n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

synonym : fascination, illusion, wizardry

(1) a **magic** spell, (2) she is **magic**

He performed **magic** tricks with sophisticated moves.

dynamic

adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the

forces that cause motions of bodies)

synonym : energetic, active, vital

(1) a **dynamic** market, (2) **dynamic** person

The sprinter has a **dynamic** way of running.

heighten

v. to increase or enhance the intensity, degree, or extent of something; to make something more pronounced or noticeable; to intensify or amplify

synonym : intensify, enhance, amplify

(1) **heighten** anxiety, (2) **heighten** emotions

The use of bright colors in the painting **heightened** the overall sense of joy and vibrancy.

moving

adj. causing strong emotions or feelings, especially sadness or sympathy

synonym : emotional, poignant, touching

(1) **moving** experience, (2) **moving** ceremony

His **moving** speech about his struggles with addiction brought tears to the audience's eyes.

toy

n. a thing, typically a small model or replica of something that is played with, especially by children

synonym : plaything, game, trinket

(1) **toy** store, (2) **toy** box

He gave his daughter a new **toy** for her birthday.

helicopter

n. a type of aircraft that is capable of hovering in place and moving vertically, as well as flying horizontally; often used for emergency medical services, military operations, and transport in areas with limited access

synonym : chopper, copter, whirlybird

(1) **helicopter** ride, (2) police **helicopter**

The company's CEO arrived at the meeting via **helicopter** to avoid traffic congestion

lift

v. to raise something to a higher position or level; to pick up something or somebody and move them to a different

position

synonym : raise, elevate, move up

(1) **lift** sagging skin, (2) **lift** a ban on alcohol

The drought **lifted** the prices of grain globally.

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.

wheelchair

n. a chair fitted with large wheels for use as a means of transport by a person who is unable to walk

(1) electric-powered **wheelchair**, (2) **wheelchair**

accessibility

This library rents out various types of folding **wheelchairs** for visitors.

blink

v. to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way

synonym : twinkle, flash, flicker

(1) **blink** his eyes, (2) **blink** in astonishment

He **blinked** in the dazzling sunlight.

straight

adj. extending or moving in one direction without bending or curving; having no deviations

synonym : linear, honest, consecutive

(1) a **straight** line, (2) **straight** for two months

He was sick for five **straight** days.

scratch

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

synonym : claw, rub, scrape

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

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

communal

adj. belonging to or used by a group rather than individuals;
for common use

synonym: collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination
of funds

Communal elections were held in several European
countries.

involvement

n. the fact or condition of taking part in something, or the
degree to which someone takes part in something

synonym: participation, engagement, commitment

(1) political **involvement**, (2) **involvement** in criminal
activity

The **involvement** of the local government in the project has
been critical to its success.

Session 2: Spelling

- | | |
|--|--|
| 1. bl__k his eyes | <i>v.</i> to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way |
| 2. fa___l expressions | <i>adj.</i> of or relating to a person's face |
| 3. pro_____on of civilization | <i>n.</i> the act or process of changing to the next stage or phase or moving forward |
| 4. mystical sig_____nce | <i>n.</i> the importance or value attached to something; the quality of being significant or noteworthy |
| 5. st_____re and function of the brain | <i>n.</i> the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts |
| 6. com_____te well with my advisor | <i>v.</i> to share or exchange information with others by speaking, writing, moving your body, or using other signals |
| 7. sen_____ty analysis | <i>n.</i> the ability to perceive or respond to subtle differences or changes; the ability to understand and respond to the needs and feelings of others |
| 8. a circular mo_____nt | <i>n.</i> 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 |
| 9. fire dr__l | <i>n.</i> a tool or machine used for making round holes or driving fasteners; a training or practice |

ANSWERS: 1. blink, 2. facial, 3. progression, 4. significance, 5. structure, 6. communicate, 7. sensitivity, 8. movement, 9. drill

10. ma_____in good health *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
11. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
12. a prodigious vi_____n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
13. motion se____r lighting *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
14. 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
15. ob_____s reasons *adj.* easy to see, discover or understand
16. com_____te his anxieties to the psychiatrist *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
17. public re__m *n.* a domain of activity, interest, or knowledge
18. me_____n name *v.* to speak or write about something or someone briefly
19. ex_____it instructions *adj.* stated clearly and in detail, leaving no room for confusion or doubt
20. co_____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use

ANSWERS: 10. maintain, 11. amazing, 12. vision, 13. sensor, 14. neuron, 15. obvious, 16. communicate, 17. realm, 18. mention, 19. explicit, 20. communal

21. t_y box *n.* a thing, typically a small model or replica of something that is played with, especially by children
22. in____e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
23. in___t a solution *v.* to understand or know something instinctively or without conscious reasoning; to perceive or apprehend something immediately or intuitively
24. telescopic vi___n *n.* the ability to think about or see the future with imagination and intelligence; the faculty of being able to see
25. the dr__l hit the well *n.* a tool or machine used for making round holes or driving fasteners; a training or practice
26. di_____ct from each other *adj.* noticeable from something else of a similar type
27. a ma__c spell *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
28. become full of sen_____ty *n.* the ability to perceive or respond to subtle differences or changes; the ability to understand and respond to the needs and feelings of others
29. fi_____ty guarantee deposit *n.* faithfulness to a person, cause, or thing; loyalty or devotion to a duty or obligation; accuracy or exactness in reproducing or representing something

ANSWERS: 21. toy, 22. involve, 23. intuit, 24. vision, 25. drill, 26. distinct, 27. magic, 28. sensitivity, 29. fidelity

30. noise reduction he_____t *n.* a pair of headphones, typically with a microphone attached
31. in____t the motive *v.* to understand or know something instinctively or without conscious reasoning; to perceive or apprehend something immediately or intuitively
32. toxic ch_____als *adj.* relating to or connected with chemistry;
33. gr__t a land *v.* to agree to give or allow somebody
34. inv_____nt in criminal activity *n.* the fact or condition of taking part in something, or the degree to which someone takes part in something
35. a st_____ht line *adj.* extending or moving in one direction without bending or curving; having no deviations
36. lo___e a missing pet *v.* to specify or determine the exact position of someone or something
37. the user in_____ce *n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
38. Cornish pa__y *n.* a type of baked pastry that typically consists of a filling of meat, vegetables, or other ingredients, enclosed in a pastry shell; (adjective) pale, lacking in color, or dull
39. re__x a series of muscles *v.* to become or cause someone to become less active or tense and calmer

ANSWERS: 30. headset, 31. intuit, 32. chemical, 33. grant, 34. involvement, 35. straight, 36. locate, 37. interface, 38. pasty, 39. relax

40. al_____hm for image processing *n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
41. degree in ele_____al engineering *adj.* relating to electricity
42. t_n after sun exposure *v.* to become brown as a result of exposure to the sun
43. in_____et the question *v.* to explain or assign the meaning of information, actions, etc.
44. short du_____on *n.* the length of time something lasts or continues
45. labor pop_____on *n.* the total number of people in a country, region, or location
46. he_____en emotions *v.* to increase or enhance the intensity, degree, or extent of something; to make something more pronounced or noticeable; to intensify or amplify
47. a tr_____on of a culture *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
48. dif_____ate between fact and fiction *v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
49. the av____r of the authority *n.* (the concept in Hinduism) a god appearing in human or superhuman or animal form; a graphical representation of a user or the user's character or persona in online games, chat rooms, etc.

ANSWERS: 40. algorithm, 41. electrical, 42. tan, 43. interpret, 44. duration, 45. population, 46. heighten, 47. tradition, 48. differentiate, 49. avatar

50. his conclusion was ob____s *adj.* easy to see, discover or understand
51. g_l nail polish *n.* a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid
52. ex____it content *adj.* stated clearly and in detail, leaving no room for confusion or doubt
53. an ar__y of troops *n.* a large group or collection of things or people, especially one that is impressive or attractive
54. co____e a large of alcohol *v.* to spend something, especially fuel, energy, or time, in a large amount
55. f__e in importance *v.* to vanish; to fade away; to lose color; to lose freshness
56. me____ed analysis *adj.* done with careful consideration or calculated precision; controlled or regulated in manner or speech; deliberate and thoughtful
57. sig_____nce level *n.* the importance or value attached to something; the quality of being significant or noteworthy
58. co____e chemically with another substance *v.* to join or merge to form a single thing or group
59. act as a dec_____ker *n.* a person who makes important decisions, especially at a high level in an organization

ANSWERS: 50. obvious, 51. gel, 52. explicit, 53. array, 54. consume, 55. fade, 56. measured, 57. significance, 58. combine, 59. decision-maker

60. establish a ba____ne *n.* a starting point or minimum for comparing facts; the back line bounding each end of a tennis or handball court
61. cognitive com_____ty *n.* the state or quality of being complicated or intricate and difficult to understand
62. an a__n of a nerve cell *n.* a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell
63. a te_____ue in martial arts *n.* a particular way or art of doing something that needs skill
64. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
65. co_____us effort *adj.* being aware of and able to respond to what is happening around you
66. di_____ar without a trace *v.* to cease to exist or be visible
67. historical an_____y *n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept
68. l__t sagging skin *v.* to raise something to a higher position or level; to pick up something or somebody and move them to a different position
69. bl__k in astonishment *v.* to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way
70. co_____e electricity *v.* to spend something, especially fuel, energy, or time, in a large amount
71. standard pr_____re *n.* a way of doing something, especially the official or well-known way

ANSWERS: 60. baseline, 61. complexity, 62. axon, 63. technique, 64. amazing, 65. conscious, 66. disappear, 67. analogy, 68. lift, 69. blink, 70. consume, 71. procedure

72. digital av___r *n.* (the concept in Hinduism) a god appearing in human or superhuman or animal form; a graphical representation of a user or the user's character or persona in online games, chat rooms, etc.
73. artistic exp_____on *n.* the act of conveying thoughts, feelings, or ideas using words, facial expressions, body language, or art; a look or gesture that conveys a particular emotion or mood
74. com_____ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
75. police hel_____er *n.* a type of aircraft that is capable of hovering in place and moving vertically, as well as flying horizontally; often used for emergency medical services, military operations, and transport in areas with limited access
76. e__t air pollution *v.* to give off or send out something such as light, heat, sound, gas, etc.
77. visual co___x neuron *n.* the outermost layer of an organ, especially the brain
78. lack con_____cy *n.* the quality of acting or being done in the same way over time; the quality of not containing any logical contradictions
79. dif_____ate a function *v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative

ANSWERS: 72. avatar, 73. expression, 74. complexity, 75. helicopter, 76. emit, 77. cortex, 78. consistency, 79. differentiate

80. a m__s of molten rock *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
81. em_____al health *adj.* relating to people's feelings
82. 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
83. 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
84. importance of early de_____on *n.* the act of discovering or identifying the presence of something
85. pop_____on change *n.* the total number of people in a country, region, or location
86. 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
87. sc__p massage *n.* the skin that covers the top of a person's head, together with the hair growing on it; also, the part of the body that is most vulnerable to an attack

ANSWERS: 80. mass, 81. emotional, 82. process, 83. develop, 84. detection, 85. population, 86. movement, 87. scalp

88. improve co_____ve function *adj.* of or relating to mental processes of understanding
89. the form of a di_____ue *n.* a conversation in a book, play, or film
90. an ele_____al storm *adj.* relating to electricity
91. electronic de____e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
92. se____e down in the town *v.* to reach an agreement of disagreement
93. ob_____e wildlife *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
94. int_____on among human beings *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
95. an arrival pl_____rm *n.* the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed
96. electric-powered whe_____ir *n.* a chair fitted with large wheels for use as a means of transport by a person who is unable to walk
97. in____e guests *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place

ANSWERS: 88. cognitive, 89. dialogue, 90. electrical, 91. device, 92. settle, 93. observe, 94. interaction, 95. platform, 96. wheelchair, 97. invite

98. ind_____al freedom *n.* a single person or thing, as distinct from a group
99. dy_____c person *adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
100. per_____ze social media profile *v.* to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something
101. control my em_____n *n.* a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others
102. lo____e a tumor *v.* to specify or determine the exact position of someone or something
103. high fi_____ty music *n.* faithfulness to a person, cause, or thing; loyalty or devotion to a duty or obligation; accuracy or exactness in reproducing or representing something
104. 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
105. low con_____ity *n.* the quality of a material's ability to conduct electricity, heat, etc.
106. plastic d__l *n.* a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive

ANSWERS: 98. individual, 99. dynamic, 100. personalize, 101. emotion, 102. locate, 103. fidelity, 104. layer, 105. conductivity, 106. doll

107. permanently ne____l country *adj.* not helping or assisting either side in a conflict, argument, etc.
108. protect against ab____ons *n.* the process of scraping or wearing away of a surface or substance through friction or erosion
109. adj____nt by hand *n.* a small change or movement made to something to improve it and achieve the desired result
110. a vi____l image *adj.* being actually such in almost every respect; existing in essence or effect though not in actual fact
111. so____re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
112. vi____ze flying through space *v.* to form a mental image or concept of something; to make something visible
113. vi____ze data *v.* to form a mental image or concept of something; to make something visible
114. a t__n room *n.* either of two children born at the same time from the same mother
115. exp____on of interest *n.* the act of conveying thoughts, feelings, or ideas using words, facial expressions, body language, or art; a look or gesture that conveys a particular emotion or mood
116. as____n top priority *v.* to give a specific job or piece of work to a someone
117. di____ar after a week *v.* to cease to exist or be visible

ANSWERS: 107. neutral, 108. abrasion, 109. adjustment, 110. virtual, 111. software, 112. visualize, 113. visualize, 114. twin, 115. expression, 116. assign, 117. disappear

118. the int_____on between man and his environment *n.* the act of connecting with someone, mainly when working, playing, or spending time with them
119. gr__t a new license *v.* to agree to give or allow somebody
120. 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
121. she is ma__c *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
122. a t__n-lens camera *n.* either of two children born at the same time from the same mother
123. in_____ct with one another *v.* to communicate or react with somebody
124. walk on_____e *adv.* onto or on a stage in a theater; in front of an audience
125. un_____d the stroller *v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
126. fo_____g knife *adj.* capable of being folded or bent; having one or more sections that can be folded or collapsed for easier storage or transportation

ANSWERS: 118. interaction, 119. grant, 120. process, 121. magic, 122. twin, 123. interact, 124. onstage, 125. unfold, 126. folding

127. a dy_____c market
adj. having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
128. na_____ly regenerated forest
adv. as might be expected; by natural manners
129. sc_____h off a name
v. to cut or damage the surface of something or the skin with a sharp or pointed object
130. re__x at home
v. to become or cause someone to become less active or tense and calmer
131. pair of id_____al twins
adj. being the exact same one
132. el_____de corrosion
n. either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region
133. research on co_____ve psychology
adj. of or relating to mental processes of understanding
134. t_y store
n. a thing, typically a small model or replica of something that is played with, especially by children
135. sc___l through a document
n. a long roll of paper containing writing; (verb) to move through text or graphics on a screen to view different parts of them
136. co_____al activity
adj. relating to or located in the outer layer of an organ or body structure, particularly the cortex of the brain
137. con_____cy of results
n. the quality of acting or being done in the same way over time; the quality of not containing any logical contradictions

ANSWERS: 127. dynamic, 128. naturally, 129. scratch, 130. relax, 131. identical, 132. electrode, 133. cognitive, 134. toy, 135. scroll, 136. cortical, 137. consistency

138. ob____e a tradition *v.* to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion
139. pa__y face *n.* a type of baked pastry that typically consists of a filling of meat, vegetables, or other ingredients, enclosed in a pastry shell; (adjective) pale, lacking in color, or dull
140. in_____ce between gas and liquid *n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
141. me_____ed tone of voice *adj.* done with careful consideration or calculated precision; controlled or regulated in manner or speech; deliberate and thoughtful
142. policy dec_____ker *n.* a person who makes important decisions, especially at a high level in an organization
143. me_____n in a report *v.* to speak or write about something or someone briefly
144. 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
145. basic br__n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

ANSWERS: 138. observe, 139. pasty, 140. interface, 141. measured, 142. decision-maker, 143. mention, 144. structure, 145. brain

146. an image se___r *n.* a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner
147. 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
148. dem_____te mastery *v.* to display something or give an exhibition to an interested audience
149. electrical con_____ity *n.* the quality of a material's ability to conduct electricity, heat, etc.
150. in_____et a graph *v.* to explain or assign the meaning of information, actions, etc.
151. dis_____te wealth evenly *v.* to give something to a large number of individuals, or to spread or furnish something
152. co_____us of having succeeded *adj.* being aware of and able to respond to what is happening around you
153. political inv_____nt *n.* the fact or condition of taking part in something, or the degree to which someone takes part in something
154. confuse fa_____y with reality *n.* a fiction with a large amount of imagination in it; a pleasant situation that you imagine but that is unlikely to happen
155. ro_____c arm *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

ANSWERS: 146. sensor, 147. develop, 148. demonstrate, 149. conductivity, 150. interpret, 151. distribute, 152. conscious, 153. involvement, 154. fantasy, 155. robotic

156. field of fun_____al medicine *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
157. 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
158. a fine adj_____nt *n.* a small change or movement made to something to improve it and achieve the desired result
159. a combative im_____e *n.* a sudden strong and unreflective wish or need to do something; the electrical discharge that travels along a nerve fiber
160. chest mea_____nt *n.* the act or process of finding something's size, quantity, or degree
161. he_____en anxiety *v.* to increase or enhance the intensity, degree, or extent of something; to make something more pronounced or noticeable; to intensify or amplify
162. the te_____ue applied to construction *n.* a particular way or art of doing something that needs skill
163. appeared on_____e *adv.* onto or on a stage in a theater; in front of an audience
164. fa_____y novel *n.* a fiction with a large amount of imagination in it; a pleasant situation that you imagine but that is unlikely to happen
165. fa___l nerve *adj.* of or relating to a person's face

ANSWERS: 156. functional, 157. neuron, 158. adjustment, 159. impulse, 160. measurement, 161. heighten, 162. technique, 163. onstage, 164. fantasy, 165. facial

166. sudden br_____ve *n.* a sudden idea or inspiration; a moment of great insight or creativity
167. critical m__s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
168. self-int_____ion *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
169. su__e room *n.* a set of rooms designated for a particular purpose or activity, especially a set of rooms in a hotel or private residence used as a living unit; a musical composition of several movements only loosely connected; the group following and attending to some important person
170. co___x cells *n.* the outermost layer of an organ, especially the brain
171. mo___g ceremony *adj.* causing strong emotions or feelings, especially sadness or sympathy
172. rag d__l *n.* a child's toy that typically represents a human figure, especially a young girl; an attractive woman; a woman who is subservient or passive
173. ba_____ne budget *n.* a starting point or minimum for comparing facts; the back line bounding each end of a tennis or handball court

ANSWERS: 166. brainwave, 167. mass, 168. introduction, 169. suite, 170. cortex, 171. moving, 172. doll, 173. baseline

174. 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
175. an id_____al equation *adj.* being the exact same one
176. de_____on by the security software *n.* the act of discovering or identifying the presence of something
177. afraid to show em_____n *n.* a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others
178. the a__n terminals *n.* a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell
179. wi_____ss access *adj.* of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals
180. sc_____h my signature *v.* to cut or damage the surface of something or the skin with a sharp or pointed object
181. in___e criticism *v.* to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
182. co_____e an average score *v.* to make a mathematical calculation
183. dis_____te video content *v.* to give something to a large number of individuals, or to spread or furnish something

ANSWERS: 174. layer, 175. identical, 176. detection, 177. emotion, 178. axon, 179. wireless, 180. scratch, 181. invite, 182. compute, 183. distribute

184. roll up a sc___l *n.* a long roll of paper containing writing; (verb) to move through text or graphics on a screen to view different parts of them
185. na_____ly arising *adv.* as might be expected; by natural manners
186. in_____ve eating *adj.* obtained through feelings rather than facts or proof
187. se___e a dispute *v.* to reach an agreement of disagreement
188. co_____d and control *n.* authority, control, or mastery over something, often referring to military or leadership contexts; a directive, order, or instruction; expertise or confidence in a specific area; (verb) to give an authoritative order or instruction, or to be in charge or control of something
189. he_____t with a microphone *n.* a pair of headphones, typically with a microphone attached
190. a private ind_____al *n.* a single person or thing, as distinct from a group
191. ice c___e *n.* a three-dimensional shape with six square faces that are all equal in size; (of mathematics) the result of multiplying the number by itself three times
192. notable in_____ce *n.* a particular example or single occurrence of something
193. a two-dimensional ar___y *n.* a large group or collection of things or people, especially one that is impressive or attractive

ANSWERS: 184. scroll, 185. naturally, 186. intuitive, 187. settle, 188. command, 189. headset, 190. individual, 191. cube, 192. instance, 193. array

194. st_____ht for two months *adj.* extending or moving in one direction without bending or curving; having no deviations
195. his research area of
con_____ion *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
196. co_____e augmented reality *v.* to join or merge to form a single thing or group
197. platinum el_____des *n.* either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region
198. co_____d a battery *n.* authority, control, or mastery over something, often referring to military or leadership contexts; a directive, order, or instruction; expertise or confidence in a specific area; (verb) to give an authoritative order or instruction, or to be in charge or control of something
199. co_____e the value *v.* to make a mathematical calculation
200. the du_____on of insurance *n.* the length of time something lasts or continues
201. int_____ion education *n.* a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
202. fun_____al deafness *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

ANSWERS: 194. straight, 195. concentration, 196. combine, 197. electrode, 198. command, 199. compute, 200. duration, 201. introduction, 202. functional

203. against tr_____on *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
204. un____d the story *v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
205. skin ab_____ons *n.* the process of scraping or wearing away of a surface or substance through friction or erosion
206. ap_____d physics *adj.* of or relating to a subject of study, especially a science, that is used in a practical way
207. wi_____ss charging *adj.* of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals
208. for in_____ce *n.* a particular example or single occurrence of something
209. pro_____on of disease *n.* the act or process of changing to the next stage or phase or moving forward
210. hel_____er ride *n.* a type of aircraft that is capable of hovering in place and moving vertically, as well as flying horizontally; often used for emergency medical services, military operations, and transport in areas with limited access
211. tracking de____e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 203. tradition, 204. unfold, 205. abrasion, 206. applied, 207. wireless, 208. instance, 209. progression, 210. helicopter, 211. device

212. mo___g experience	<i>adj.</i> causing strong emotions or feelings, especially sadness or sympathy
213. whe_____ir accessibility	<i>n.</i> a chair fitted with large wheels for use as a means of transport by a person who is unable to walk
214. the pre_____on of meals	<i>n.</i> the activity of getting ready for something or making something ready
215. as___n projects	<i>v.</i> to give a specific job or piece of work to a someone
216. dem_____te a difference	<i>v.</i> to display something or give an exhibition to an interested audience
217. fairly ty_____l symptoms	<i>adj.</i> having the usual characteristics or traits of a specific group of things
218. the RSA al_____hm	<i>n.</i> a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
219. permanent br___n damage	<i>n.</i> the organ inside the head that is responsible for one's movement, thought, memory, and feeling
220. in_____e a lot of paperwork	<i>v.</i> to include or affect someone or something as a necessary part of something else
221. su___e of products	<i>n.</i> a set of rooms designated for a particular purpose or activity, especially a set of rooms in a hotel or private residence used as a living unit; a musical composition of several movements only loosely connected; the group following and attending to some important person

ANSWERS: 212. moving, 213. wheelchair, 214. preparation, 215. assign, 216. demonstrate, 217. typical, 218. algorithm, 219. brain, 220. involve, 221. suite

222. ro____c guide operation *adj.* of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots
223. a pre_____on program *n.* the activity of getting ready for something or making something ready
224. profound religious im_____es *n.* a sudden strong and unreflective wish or need to do something; the electrical discharge that travels along a nerve fiber
225. t_n poorly *v.* to become brown as a result of exposure to the sun
226. ca_____e leader *adj.* having the ability, skill, or potential to do something; competent or proficient in a particular task or area of expertise
227. in_____ct directly with customers *v.* to communicate or react with somebody
228. trading of vi_____l currencies *adj.* being actually such in almost every respect; existing in essence or effect though not in actual fact
229. per_____ze my workspace *v.* to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something
230. con_____ion of armaments *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
231. bre_____ugh discovery *n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

ANSWERS: 222. robotic, 223. preparation, 224. impulse, 225. tan, 226. capable, 227. interact, 228. virtual, 229. personalize, 230. concentration, 231. breakthrough

232. c__e root *n.* a three-dimensional shape with six square faces that are all equal in size; (of mathematics) the result of multiplying the number by itself three times
233. copyrighted so_____re *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
234. ma_____in order *v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
235. cultural n__m *n.* something that is regarded as usual, typical, or standard
236. 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
237. em_____al distress *adj.* relating to people's feelings
238. di_____ct difference *adj.* noticeable from something else of a similar type
239. merger and acq_____on *n.* the act of getting something, usually through purchase, negotiation, or effort
240. f__e away almost completely *v.* to vanish; to fade away; to lose color; to lose freshness
241. co_____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
242. a precise mea_____nt *n.* the act or process of finding something's size, quantity, or degree
243. sc__p condition *n.* the skin that covers the top of a person's head, together with the hair growing on it; also, the part of the body that is most vulnerable to an attack

ANSWERS: 232. cube, 233. software, 234. maintain, 235. norm, 236. fingerprint, 237. emotional, 238. distinct, 239. acquisition, 240. fade, 241. communal, 242. measurement, 243. scalp

244. fo____g table *adj.* capable of being folded or bent; having one or more sections that can be folded or collapsed for easier storage or transportation
245. a ch____al compound *adj.* relating to or connected with chemistry;
246. acq____on process *n.* the act of getting something, usually through purchase, negotiation, or effort
247. br____ve idea *n.* a sudden idea or inspiration; a moment of great insight or creativity
248. antibacterial g_l *n.* a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid
249. ty____l leader *adj.* having the usual characteristics or traits of a specific group of things
250. e__t a gamma ray *v.* to give off or send out something such as light, heat, sound, gas, etc.
251. ca____e worker *adj.* having the ability, skill, or potential to do something; competent or proficient in a particular task or area of expertise
252. chemical re____on *n.* a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
253. n__m of action *n.* something that is regarded as usual, typical, or standard
254. ap____d research *adj.* of or relating to a subject of study, especially a science, that is used in a practical way

ANSWERS: 244. folding, 245. chemical, 246. acquisition, 247. brainwave, 248. gel, 249. typical, 250. emit, 251. capable, 252. reaction, 253. norm, 254. applied

255. beyond the re__m of possibility	<i>n.</i>	a domain of activity, interest, or knowledge
256. undergo a surgical pr_____re	<i>n.</i>	a way of doing something, especially the official or well-known way
257. Platonic di_____ues	<i>n.</i>	a conversation in a book, play, or film
258. a digital pl_____rm for enterprise	<i>n.</i>	the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed
259. trigger a re_____on	<i>n.</i>	a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
260. fin_____nt at a crime scene	<i>n.</i>	a unique pattern of ridges and valleys on the surface of a finger that can be used to identify a person
261. l__t a ban on alcohol	<i>v.</i>	to raise something to a higher position or level; to pick up something or somebody and move them to a different position
262. in_____ve judgment	<i>adj.</i>	obtained through feelings rather than facts or proof
263. draw an_____y	<i>n.</i>	a comparison between similar things that have similar aspects, often used to help explain a principle or concept
264. bre_____ugh in the negotiations	<i>n.</i>	a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem

ANSWERS: 255. realm, 256. procedure, 257. dialogue, 258. platform, 259. reaction, 260. fingerprint, 261. lift, 262. intuitive, 263. analogy, 264. breakthrough

265. ne____l colors

adj. not helping or assisting either side in a conflict, argument, etc.

266. co____al neurons

adj. relating to or located in the outer layer of an organ or body structure, particularly the cortex of the brain

ANSWERS: 265. neutral, 266. cortical

Session 3: Fill in the Blanks

1. I have an itchy _____ and need to switch to a different shampoo.
n. the skin that covers the top of a person's head, together with the hair growing on it; also, the part of the body that is most vulnerable to an attack

2. I like to _____ my phone case with a picture of my dog.
v. to make something or an experience specific to an individual or group, often through adding personal details or tailoring it to their preferences or needs; to add personal details or information to something

3. She tried to _____ the layout of the new house in her mind.
v. to form a mental image or concept of something; to make something visible

4. The house owner loved the large hanging _____ in the guest room.
n. a long roll of paper containing writing; (verb) to move through text or graphics on a screen to view different parts of them

5. Composition by artificial intelligence is no longer a _____.
n. a fiction with a large amount of imagination in it; a pleasant situation that you imagine but that is unlikely to happen

6. The military incarcerated him for the _____ of the war.
n. the length of time something lasts or continues

7. The couple promised each other _____ in their marriage vows.
n. faithfulness to a person, cause, or thing; loyalty or devotion to a duty or obligation; accuracy or exactness in reproducing or representing something

ANSWERS: 1. scalp, 2. personalize, 3. visualize, 4. scroll, 5. fantasy, 6. duration, 7. fidelity

8. The systems we have developed has accepted as industry _____.
n. something that is regarded as usual, typical, or standard
9. We want to _____ you to our annual charity event.
v. to ask someone to come or join; to offer an opportunity or possibility for something to happen or take place
10. This library rents out various types of folding _____ for visitors.
n. a chair fitted with large wheels for use as a means of transport by a person who is unable to walk
11. There's no _____ in his arguments.
n. the quality of acting or being done in the same way over time; the quality of not containing any logical contradictions
12. The products they sell are the _____ for performance in the industry.
n. a starting point or minimum for comparing facts; the back line bounding each end of a tennis or handball court
13. He became _____ that he was being followed.
adj. being aware of and able to respond to what is happening around you
14. The drought _____ the prices of grain globally.
v. to raise something to a higher position or level; to pick up something or somebody and move them to a different position
15. The MRI showed activity in the _____ region of the patient's brain.
adj. relating to or located in the outer layer of an organ or body structure, particularly the cortex of the brain

ANSWERS: 8. norms, 9. invite, 10. wheelchairs, 11. consistency, 12. baseline, 13. conscious, 14. lifted, 15. cortical

16. 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
17. We can evaluate the performance of an _____ in terms of computation time.
- n.* a set of rules or rigorous instructions typically used to solve a specific problem or to perform a computation
18. A person's cyberspace _____ often represents the appearance and behavior that the person wants to be.
- n.* (the concept in Hinduism) a god appearing in human or superhuman or animal form; a graphical representation of a user or the user's character or persona in online games, chat rooms, etc.
19. It is essential to keep these two issues _____.
- adj.* noticeable from something else of a similar type
20. Professional game players pay the latest attention to the sound quality of their _____.
- n.* a pair of headphones, typically with a microphone attached
21. I need to _____ my car regularly to prevent any major mechanical issues.
- v.* to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true
22. The cerebral _____ consists of six layers.
- n.* the outermost layer of an organ, especially the brain

ANSWERS: 16. decision-makers, 17. algorithm, 18. avatar, 19. distinct, 20. headsets, 21. maintain, 22. cortex

23. 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
24. The surface of the wooden table had several _____ from years of use.
- n.* the process of scraping or wearing away of a surface or substance through friction or erosion
25. He _____ in the dazzling sunlight.
- v.* to shut and open the eyes quickly; to gleam or glow in a regular or intermittent way
26. His _____ faculties were getting worse because of a lack of sleep.
- adj.* of or relating to mental processes of understanding
27. I tried to _____ the efficiency of the investment.
- v.* to make a mathematical calculation
28. Please _____ a different color to each other kind of item.
- v.* to give a specific job or piece of work to a someone
29. The sprinter has a _____ way of running.
- adj.* having a lot of energy, ideas, and enthusiasm, and a strong personality; of or relating to dynamics (= the branch of physics and engineering concerned with the forces that cause motions of bodies)
30. He performed his magic trick _____ leaving the audience in awe.
- adv.* onto or on a stage in a theater; in front of an audience

ANSWERS: 23. involves, 24. abrasions, 25. blinked, 26. cognitive, 27. compute, 28. assign, 29. dynamic, 30. onstage,

31. Hydrogen and oxygen _____ to form water.
v. to join or merge to form a single thing or group
32. The rules were _____ after the new executive arrived.
v. to become or cause someone to become less active or tense and calmer
33. We are developing a technology to promote the elongation and regeneration of sensory nerve _____.
n. a long and slender projection of a nerve cell, or neuron, that sends out signals away from the nerve cell
34. The robot can accurately _____ construction material.
v. to specify or determine the exact position of someone or something
35. 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
36. The _____ to the new class was informative and engaging.
n. a preliminary explanation or remarks given before the start of a text, performance, or event; the act of bringing something new into existence or introducing something to a wider audience or new market
37. 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
38. During the unloading, the container box _____ a clicking sound.
v. to give off or send out something such as light, heat, sound, gas, etc.

ANSWERS: 31. combine, 32. relaxed, 33. axons, 34. locate, 35. mentioned, 36. introduction, 37. fingerprint, 38. emits

39. I don't want to _____ for second best.
- v. to reach an agreement of disagreement
40. Jockey's superior _____ brought him victory.
- n. a particular way or art of doing something that needs skill
41. My memory will _____ but my heart will live on.
- v. to vanish; to fade away; to lose color; to lose freshness
42. The general gave a _____ to his troops to prepare for battle.
- n. authority, control, or mastery over something, often referring to military or leadership contexts; a directive, order, or instruction; expertise or confidence in a specific area; (verb) to give an authoritative order or instruction, or to be in charge or control of something
43. I cut the cheese into small _____ for the salad.
- n. a three-dimensional shape with six square faces that are all equal in size; (of mathematics) the result of multiplying the number by itself three times
44. How can you _____ that the earth is a sphere?
- v. to display something or give an exhibition to an interested audience
45. The mystery _____ as the detectives gathered more clues.
- v. to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
46. Don't _____ your mosquito bites.
- v. to cut or damage the surface of something or the skin with a sharp or pointed object

ANSWERS: 39. settle, 40. technique, 41. fade, 42. command, 43. cubes, 44. demonstrate, 45. unfolded, 46. scratch

47. 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
48. It is important to place the _____ in the correct position for accurate electro-cardiogram recording.
- n.* either of two points or ends of a conductor at which electricity enters or leaves an object, substance, or region
49. Some kinds of machine learning models show an _____ to how people learn.
- n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept
50. 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
51. The use of bright colors in the painting _____ the overall sense of joy and vibrancy.
- v.* to increase or enhance the intensity, degree, or extent of something; to make something more pronounced or noticeable; to intensify or amplify
52. The presidential _____ is the most luxurious room in the hotel.
- n.* a set of rooms designated for a particular purpose or activity, especially a set of rooms in a hotel or private residence used as a living unit; a musical composition of several movements only loosely connected; the group following and attending to some important person

ANSWERS: 47. array, 48. electrodes, 49. analogy, 50. applied, 51. heightened, 52. suite

53. 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
54. Several military _____ programs have become popular methods of exercise.
n. a tool or machine used for making round holes or driving fasteners; a training or practice
55. The company's latest _____ of a rival firm has dramatically expanded its market share.
n. the act of getting something, usually through purchase, negotiation, or effort
56. There was a chemical _____ of the lime with the groundwater.
n. a response that reveals a person's feelings or attitude; (in chemistry) a process in which one or more substances are changed into others
57. These articles cite five _____ of climate change.
n. a particular example or single occurrence of something
58. Human _____ responses vary widely depending on the society to which they belong.
adj. relating to people's feelings
59. The engineer had a _____ and redesigned the product to be more efficient.
n. a sudden idea or inspiration; a moment of great insight or creativity
60. The company specializes in both hardware and _____.
n. a set of computer programs and associated documentation and data for doing particular computational jobs

ANSWERS: 53. structure, 54. drill, 55. acquisition, 56. reaction, 57. instances, 58. emotional, 59. brainwave, 60. software

61. 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
62. This exam requires excellent _____ to pass.
- n.* the ability to focus all your time and energy on one thing without thinking about anything else.
63. From her experience with similar projects, she could _____ the most efficient way to complete the task.
- v.* to understand or know something instinctively or without conscious reasoning; to perceive or apprehend something immediately or intuitively
64. 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
65. The _____ of his discovery cannot be overstated.
- n.* the importance or value attached to something; the quality of being significant or noteworthy
66. _____ profiling is a new form of airport security.
- adj.* of or relating to a person's face
67. High thermal _____ is also essential for the exterior of the machine.
- n.* the quality of a material's ability to conduct electricity, heat, etc.
68. A smaller car will _____ less fuel.
- v.* to spend something, especially fuel, energy, or time, in a large amount

ANSWERS: 61. layer, 62. concentration, 63. intuit, 64. neuron, 65. significance, 66. Facial, 67. conductivity, 68. consume

69. The teacher asked the students to _____ between the two similar species of birds.
- v.* to recognize or establish as being distinct; to distinguish between things that are compared; to calculate a derivative
70. The chairperson _____ him the right to speak.
- v.* to agree to give or allow somebody
71. The instrument has a high _____ to temperature changes.
- n.* the ability to perceive or respond to subtle differences or changes; the ability to understand and respond to the needs and feelings of others
72. The speaker mounted the _____ and started to speak.
- n.* the raised flat space close to the track at a train station where passengers get on or off the train; (technology) a computational or digital environment in which a piece of software is executed
73. The mobile phone was still _____ even after being dropped.
- adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
74. Detergent weakens the surface tension at the _____ of two liquids.
- n.* (computer science) a program that controls a display for the user and that allows the user to interact with the system; (chemistry) a surface forming a common boundary between two things
75. I always carry a backup _____ in case my phone runs out of battery.
- n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 69. differentiate, 70. granted, 71. sensitivity, 72. platform, 73. functional, 74. interface, 75. device

76. Her passions are in the _____ of real-world political affairs.

n. a domain of activity, interest, or knowledge

77. This artwork is _____ of her work.

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

78. Driving is difficult for me because of my poor _____.

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

79. The surgeon removed the tumor using _____ video assistance.

adj. of or relating to mechanical robots; (robotics) the interdisciplinary branch of computer science and engineering with the practical use of robots

80. He was sick for five _____ days.

adj. extending or moving in one direction without bending or curving; having no deviations

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

adj. being the exact same one

82. _____ elections were held in several European countries.

adj. belonging to or used by a group rather than individuals; for common use

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

adj. obtained through feelings rather than facts or proof

84. She is the _____ president of the company.

adj. being actually such in almost every respect; existing in essence or effect though not in actual fact

ANSWERS: 76. realm, 77. typical, 78. vision, 79. robotic, 80. straight, 81. identical, 82. Communal, 83. intuitive, 84. virtual

85. Different people might _____ this news differently.

v. to explain or assign the meaning of information, actions, etc.

86. They watched the train _____ into the distance.

v. to cease to exist or be visible

87. She spent the whole summer _____ on the beach.

v. to become brown as a result of exposure to the sun

88. Nerve _____ cross a synapse through the action of neurotransmitters.

n. a sudden strong and unreflective wish or need to do something; the electrical discharge that travels along a nerve fiber

89. Its _____ brothers are difficult to tell apart except for their parents.

n. either of two children born at the same time from the same mother

90. The _____ of the local government in the project has been critical to its success.

n. the fact or condition of taking part in something, or the degree to which someone takes part in something

91. The golfer recorded an _____ distance.

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

92. Some _____ are common across cultures and backgrounds.

n. a strong feeling such as love, anger, etc. deriving from one's situation, mood, or relationships with others

93. Actuators convert _____ pulses into motion.

adj. relating to electricity

ANSWERS: 85. interpret, 86. disappear, 87. tanning, 88. impulses, 89. twin, 90. involvement, 91. amazing, 92. emotions, 93. electrical

94. He gave his daughter a new ____ for her birthday.
- n.* a thing, typically a small model or replica of something that is played with, especially by children
95. A technique called deep learning has led to _____ in AI.
- n.* a sudden, dramatic, and important discovery or development that helps to improve a situation or provide an answer to a problem
96. The office's _____ network allows employees to work from anywhere in the building.
- adj.* of or relating a connection or communication that does not require a physical wire or cable, often through the use of radio waves or electromagnetic signals
97. His estate was _____ to his sons.
- v.* to give something to a large number of individuals, or to spread or furnish something
98. 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
99. A legislative speaker should always be _____.
- adj.* not helping or assisting either side in a conflict, argument, etc.
100. The ____ of people who do not own property is politically impotent.
- n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

ANSWERS: 94. toy, 95. breakthroughs, 96. wireless, 97. distributed, 98. develop, 99. neutral, 100. mass

101. He recorded the _____ at the time of the incident.

n. a conversation in a book, play, or film

102. The pilot and flight attendant ran through the check-out _____.

n. a way of doing something, especially the official or well-known way

103. I must use hair ____ to style my hair for the job interview.

n. a semi-solid substance, often transparent or translucent, that is used in various products from personal care to food to medicine, and which typically consists of a gelling agent that thickens the liquid

104. The company's CEO arrived at the meeting via _____ to avoid traffic congestion

n. a type of aircraft that is capable of hovering in place and moving vertically, as well as flying horizontally; often used for emergency medical services, military operations, and transport in areas with limited access

105. 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

106. The movie had an _____ sex scene that some viewers might find offensive.

adj. stated clearly and in detail, leaving no room for confusion or doubt

107. This smartphone has a collision _____ function.

n. the act of discovering or identifying the presence of something

108. 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

ANSWERS: 101. dialogue, 102. procedure, 103. gel, 104. helicopter, 105. brain, 106. explicit, 107. detection, 108. individual,

109. I plan to pick up a chicken _____ at that bakery on my way home from work.
n. a type of baked pastry that typically consists of a filling of meat, vegetables, or other ingredients, enclosed in a pastry shell; (adjective) pale, lacking in color, or dull
110. He should _____ more with his colleagues.
v. to communicate or react with somebody
111. In just four years, the _____ has doubled.
n. the total number of people in a country, region, or location
112. He helped me with the _____ of this book.
n. the activity of getting ready for something or making something ready
113. The _____ error of this industrial machine is less than one micrometer.
n. the act or process of finding something's size, quantity, or degree
114. The _____ chairs were easy to set up and take down for the event.
adj. capable of being folded or bent; having one or more sections that can be folded or collapsed for easier storage or transportation
115. The company has made great strides in its _____ toward sustainability.
n. the act or process of changing to the next stage or phase or moving forward
116. The firm has grown into a large _____ manufacturing.
adj. relating to or connected with chemistry;
117. 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

ANSWERS: 109. pasty, 110. interact, 111. population, 112. preparation, 113. measurement, 114. folding, 115. progression, 116. chemical, 117. complexity

118. 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

119. Her _____ response to the criticism showed her ability to remain calm and composed under pressure.

adj. done with careful consideration or calculated precision; controlled or regulated in manner or speech; deliberate and thoughtful

120. It is important to _____ safety procedures in the workplace to prevent accidents.

v. to watch or notice something carefully, often to gather information or insights; to take note of something or someone; to celebrate or commemorate a special event or occasion

121. He assumed the role of the arbitral _____ of the controversy.

n. a small change or movement made to something to improve it and achieve the desired result

122. He performed _____ tricks with sophisticated moves.

n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

123. It is a _____ in many families to have a big Thanksgiving dinner with all their relatives.

n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

ANSWERS: 118. process, 119. measured, 120. observe, 121. adjustment, 122. magic, 123. tradition

124. He was _____ gifted.

adv. as might be expected; by natural manners

125. This automatic door could no longer be opened due to a _____ failure.

n. a device that receives a signal or stimulus such as heat, pressure, light, motion, etc. and responds to it in a specific manner

126. Dolphins use sound to _____ with each other.

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

127. 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

128. The antique _____ was worth thousands of dollars.

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

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

adj. easy to see, discover or understand

130. The _____ of the two groups is good for brainstorming.

n. the act of connecting with someone, mainly when working, playing, or spending time with them

131. His _____ speech about his struggles with addiction brought tears to the audience's eyes.

adj. causing strong emotions or feelings, especially sadness or sympathy

ANSWERS: 124. naturally, 125. sensor, 126. communicate, 127. movement, 128. doll, 129. obvious, 130. interaction, 131. moving

132. She is highly _____ of handling multiple tasks at once.

adj. having the ability, skill, or potential to do something; competent or proficient in a particular task or area of expertise

133. His facial _____ showed a mix of surprise and confusion.

n. the act of conveying thoughts, feelings, or ideas using words, facial expressions, body language, or art; a look or gesture that conveys a particular emotion or mood

ANSWERS: 132. capable, 133. expression